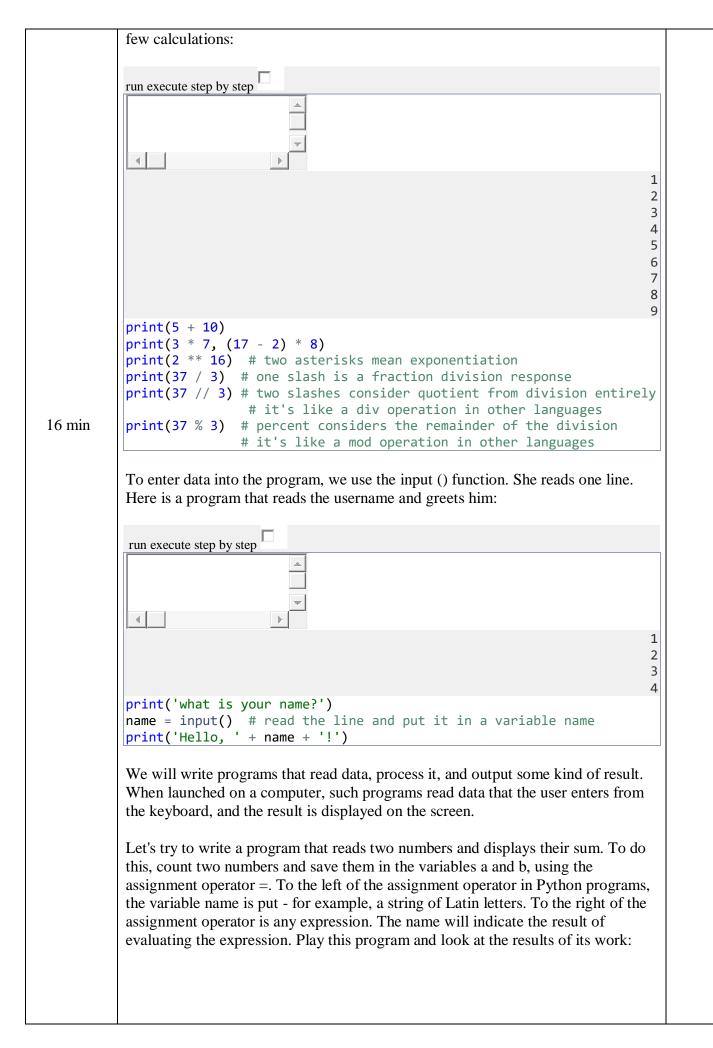
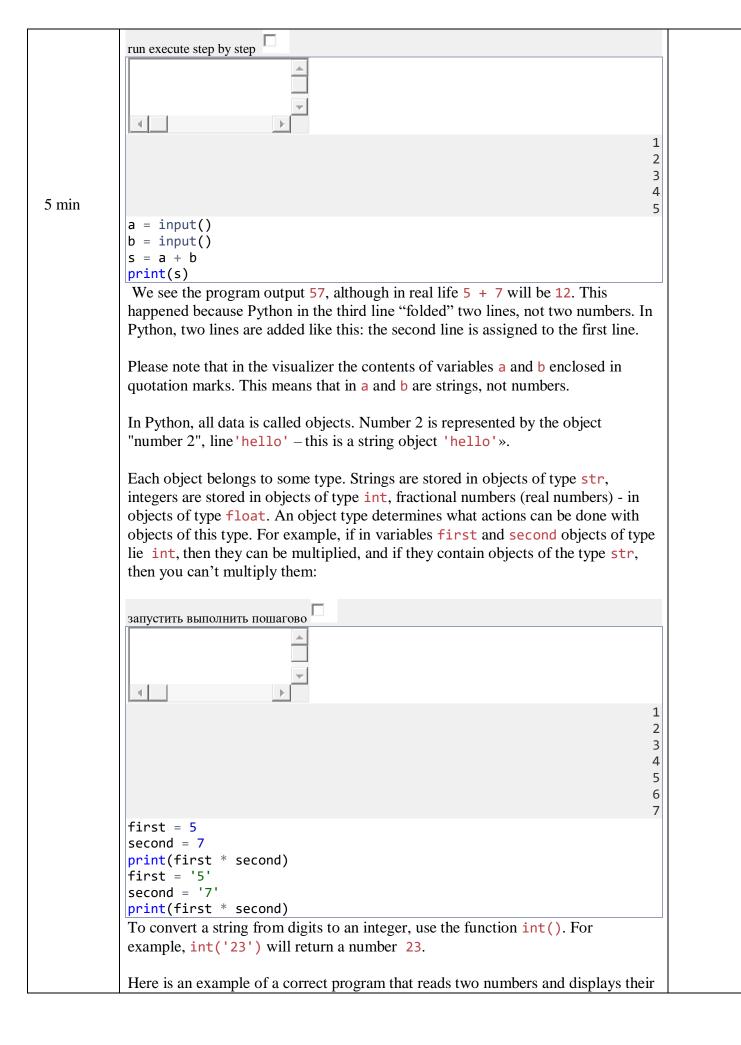
| School: | | | | | | |
|-----------------------|---|--|--------------|--|--|--|
| Date: | | Teacher's name: | | | | |
| Grade: | | Number present: ab | osent: | | | |
| Topic of the | lesson: Data | input and output | | | | |
| Learning objective(s) | | Introduce the design of data input and output | | | | |
| that this lesson is | | Showing the principles of data input and output | | | | |
| contributing to | | | | | | |
| Lesson objectives | | All learners will be able to: | | | | |
| | | • Know the structures of data input and output and use when compiling programs | | | | |
| | | Most learners will be able to: | | | | |
| | | • Distinguish between designs, the work of input and output of data and use when | | | | |
| | | compiling programs | | | | |
| | | Some learners will be able to: | | | | |
| | | • Create programs using condition input and output statements inside statements | | | | |
| Assessment Criteria | | Owns the principles of data input and output | | | | |
| | | Able to make simple programs using data input and output | | | | |
| | | Compiles programs with various language constructs | | | | |
| Value links | | Spiritual development, respect for each other, mutual u | nderstanding | | | |
| Previous lea | rning | Students work on their level of programming | | | | |
| Cross curric | ular links | maths | | | | |
| Time | | Planned activities | Resources | | | |
| | | | | | | |
| | Organizing t | ime | | | | |
| Beginning | Greeting stu | slide | | | | |
| <u>2</u> min | | | | | | |
| | Announcement of the lesson topic, learning objectives, joint definition of | | | | | |
| | lesson objectives and assessment criteria | | | | | |
| | | | | | | |
| Middle | Go to the top | vic | | | | |
| 10 min | Grouping. | | | | | |
| | Discussion with the class. | | | | | |
| | "Why did you come together that way?" | | | | | |
| | II. Conservization and systematization of knowledge | | | | | |
| | II. Generalization and systematization of knowledge. | | | | | |
| | Oral frontal survey using presentation. | | | | | |
| | orur nomur s | arvey asing presentation. | | | | |
| | Given an encrypted word, it is necessary to decrypt using 4 tasks the word consists | | | | | |
| | of 4 letters. | | | | | |
| | | | | | | |
| | Dan Russian alphabet. | | | | | |
| | | - | | | | |
| | | Б В Г Д Е Ё Ж З И Й К Л М Н О | | | | |
| | | 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 | | | | |
| | | P C T V Ф X Ц Ч Ш Щ Ъ Ы Ь Э Ю | | | | |
| | 17 | 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 | 2 33 | | | |
| _ . | Python 3 is a | modern language in which it is simple and pleasant to w | rite | | | |
| 5 min | Python 3 is a modern language in which it is simple and pleasant to write programs. | | | | | |
| | programs. | | | | | |
| | To print value | es in Python there is a print () function. Inside the parent | theses we | | | |
| | To print values in Python, there is a print () function. Inside the parentheses, we write what we want to output, separated by commas. Here is a program that does a | | | | | |
| | what we | i mane to output, separated by commus. Here is a program | | | | |
| | | | | | | |





| | sum: | | | | | | | | |
|--|---|--|---|-------------------------------------|-------------------------|--|--|--|--|
| | | - | | | | | | | |
| | run execute step by step | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | 1 | | | | | |
| | | | | 2 | | | | | |
| | | 3 | | | | | | | |
| | | | | 4 5 | | | | | |
| | a = int(input() |)) | | 5 | | | | | |
| | <pre>b = int(input()</pre> | | | | | | | | |
| | s = a + b print(s) | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| End | Reflection. | | | | | | | | |
| <u>39-40</u> min | Pupils analyze acti | Pupils analyze activity in the lesson, describe difficulties, suggest ways to overcome them. | | | | | | | |
| | | | | | | | | | |
| | Home task | | | | | | | | |
| | Home task | | | | | | | | |
| | | | | | | | | | |
| Differentiation – how do you plan to give | | | Assessment – how are you | Health and Safety | | | | | |
| Differentia | more support? | plan to give | planning to check learners' | Health and Safety | | | | | |
| How do you plan to challenge the more | | | learning? | | | | | | |
| able learners? | | | | | | | | | |
| | able learners? | | 5 | | | | | | |
| | n in the selection of t | asks, in the | Mutual evaluation (according to the | - | a safety regulations in | | | | |
| expected resul | n in the selection of t t from a particular st | tasks, in the tudent, in the | Mutual evaluation (according to the results of the experiment) | Compliance with the computer scient | | | | | |
| expected resul provision of ir | n in the selection of t t from a particular su ndividual support to | tasks, in the tudent, in the | Mutual evaluation (according to the | - | | | | | |
| expected resul provision of ir the stage of so | n in the selection of t t from a particular su ndividual support to lving problems. | asks, in the tudent, in the the student at | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) | the computer scie | ence cabinet | | | | |
| expected result provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> | n in the selection of t t from a particular su ndividual support to lving problems. <i>action</i> son / learning | asks, in the tudent, in the the student at | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected resul provision of in the stage of so <i>Lesson refle</i> <i>Were the les</i> <i>goals realist</i> | n in the selection of t t from a particular su ndividual support to lving problems. Example <i>son / learning</i> <i>tic?</i> | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected resul provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realist</i> <i>Have all stu</i> | n in the selection of t t from a particular su ndividual support to lving problems. <i>action</i> son / learning | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected resul provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realist</i> <i>Have all stu</i> <i>CO?</i> | n in the selection of t t from a particular su ndividual support to lving problems. Example <i>son / learning</i> <i>tic?</i> | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected result provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realiste</i> <i>Have all stut</i> <i>CO</i> ? <i>If not, why</i> ? | in the selection of t t from a particular st ndividual support to lving problems. Internation son / learning vic? dents reached the | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected result provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realiste</i> <i>Have all stut</i> <i>CO</i> ? <i>If not, why</i> ? | n in the selection of t t from a particular su ndividual support to lving problems. ection son / learning vic? dents reached the entiation done | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected resul provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realist</i> <i>Have all stu</i> <i>CO</i> ? <i>If not, why</i> ? <i>Is the differe</i> <i>correctly in</i> <i>Have the ter</i> | n in the selection of t t from a particular st ndividual support to lving problems. Action son / learning tic? dents reached the entiation done the lesson? mporary stages of | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected result provision of in the stage of so <i>Lesson refle</i> <i>Were the less</i> <i>goals realiste</i> <i>Have all stut</i> <i>CO</i> ? <i>If not, why</i> ? <i>Is the differe</i> <i>correctly in</i> <i>Have the ten</i> <i>the lesson be</i> | n in the selection of t t from a particular st ndividual support to lving problems. Internet son / learning tic? dents reached the entiation done the lesson? mporary stages of een sustained? | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |
| expected result provision of in the stage of so <i>Lesson reflee</i> <i>Were the less</i> <i>goals realiste</i> <i>Have all stut</i> <i>CO</i> ? <i>If not, why</i> ? <i>Is the differe</i> <i>correctly in</i> <i>Have the ten</i> <i>the lesson be</i> | n in the selection of t t from a particular st ndividual support to lving problems. ction son / learning tic? dents reached the entiation done the lesson? mporary stages of een sustained? ions were from the | tasks, in the tudent, in the the student at <i>Use this section</i> | Mutual evaluation (according to the results of the experiment) Self-assessment (problem solving) a to think about the lesson. Answer the r | the computer scie | ence cabinet | | | | |