

Računalno razmišljanje i programiranje

1.) U programskom jeziku Python izračunaj sljedeći matematički izraz:

$$5 \cdot 4 - 12 : 3 + (6 \cdot 9 - 8)$$

Ovdje napiši rezultat koji si dobio/dobila na ekranu: _____

2.) U programskom jeziku Python pomoću naredbe odgovarajućih naredbi 7 puta ispiši riječ **informatika**.

Ovdje napiši kako si napisao/la naredbu: _____

3.) U programskom jeziku Python napiši varijable a=13 i b=4 te izračunaj umnožak tih varijabli, zbroj, razliku i ostatak pri dijeljenju.

Ovdje napiši kako su izgledale te naredbe:

Umnožak: _____ Zbroj: _____ Razlika: _____

Ostatak pri dijeljenju: _____

4.) Otvori uređivačko sučelje Pythona.

Načini program koji pretvara kilometre u metre.

Predložen ti je program a ti ga trebaš nadopuniti s naredbama koje nedostaju:

Program spremi pod nazivom **Ponavljanje 5 zadatak**.

```
km=  (  ('Upiši broj kilometara: ')   
m=km  1000  
 ('To je jednako '  m,  metara')
```

Ponudene naredbe:

print
, (zarez)
input
* (množenje)
' (navodnik)
int
) (zagrada)

5.) U programskom jeziku Python koristeći **for petlju** ispiši brojeve od 7 do 55, uključujući i 55, povećavajući se za 8.

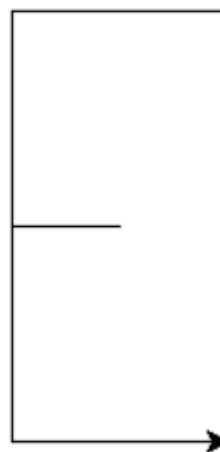
Ovdje napiši kako si napisao/la naredbu:

6.) U programskom jeziku Python nacrtaj lik koji vidiš na slici.
Predložen ti je program a ti ga trebaš nadopuniti naredbama koje nedostaju.
Ponudene su ti neke naredbe i neke od njih trebaš više puta koristiti.

```
>>>  turtle import   
>>> ()  
>>> fd(100)  
>>> (100)  
>>> rt()  
>>> fd(100)  
>>> (90)  
>>> fd(50)  
>>> (50)  
>>> rt(90)  
>>> fd()  
>>> lt()  
>>> (100)
```

Ponudene naredbe:

rt
lt
fd
bk
100
90
st
from
*



Računalno razmišljanje i programiranje

- 1.) In the Python programming language, calculate the following mathematical expression:
 $5 \cdot 4 - 12 : 3 + (6 \cdot 9 - 8)$

Write here the result you got on the screen: _____

- 2.) In the Python programming language, using appropriate commands, print the word *informatics* 7 times.

Write here how you wrote the command: _____

- 3.) In the Python programming language, write the variables $a = 13$ and $b = 4$ and calculate the **product**, **sum**, **difference**, and **remainder** of their division.

Write here how those commands looked:

Product: _____ Sum: _____ Difference: _____

Remainder of the division: _____

- 4.) Open the Python editor interface.

Create a program that converts kilometers into meters.

You are given a suggested program, and you need to complete it with the missing commands.

Save the program under the name "Review Task 5".

```
km=  (  ( ' Enter the number of kilometers ' ) 
m=km  1000
 ( ' That is equal to '  m,  metara ' )
```

Available commands:

print
, (comma)
input
* (multiplication)
' (quotation mark)
int
) (bracket)

5.) In the Python programming language, using a for loop, print the numbers from 7 to 55, including 55, increasing by 8.

Write here how you wrote the command:

6.) In the Python programming language, draw the shape you see in the picture. A suggested program is given, and you need to complete it with the missing commands. You are given some commands, and some of them need to be used multiple times.

```
>>>  turtle import 
>>> ()
>>> fd(100)
>>> bk(100)
>>> rt(90)
>>> fd(100)
>>> lt(90)
>>> fd(50)
>>> bk(50)
>>> rt(90)
>>> fd(100)
>>> lt(90)
>>> fd(100)
```

Available commands:

rt
lt
fd
bk
100
90
st
from
*

