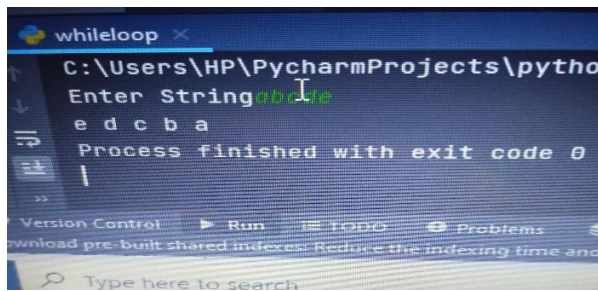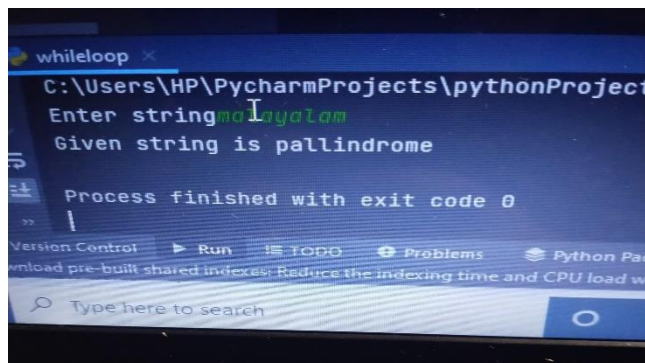**1.write a program to find reverse of a string using while loop ?**
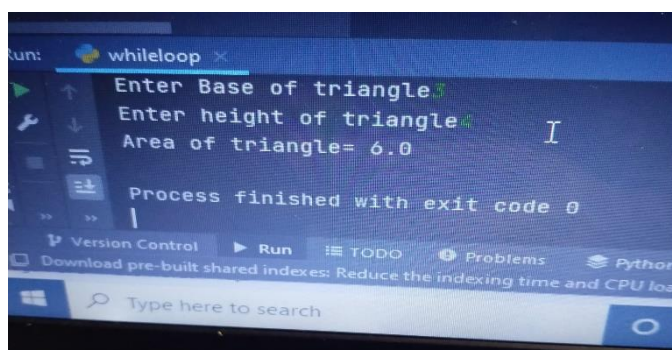
```
whileloop ×
C:\Users\HP\PycharmProjects\pytho
Enter String abcde
e d c b a
Process finished with exit code 0

Version Control   ▶ Run   ≡ TODO   ⊘ Problems
ownload pre-built shared indexes: Reduce the indexing time and
  ⌕ Type here to search
```

2. check whether the string is palindrome or not?

```
whileloop ×
C:\Users\HP\PycharmProjects\pythonProject
Enter string malayalam
Given string is pallindrome

Process finished with exit code 0

Version Control   ▶ Run   ≡ TODO   ⊘ Problems   ◈ Python Pac
wnload pre-built shared indexes: Reduce the indexing time and CPU load w
  ⌕ Type here to search                              O
```

3.write a program to find the area of a triangle ?

```
Run:      whileloop ×
    ↑       Enter Base of triangle 3
    ↓       Enter height of triangle 4      I
            Area of triangle= 6.0

            Process finished with exit code 0

  Version Control   ▶ Run   ≡ TODO   ⊘ Problems   ◈ Python
  Download pre-built shared indexes: Reduce the indexing time and CPU loa
      ⌕ Type here to search                          O
```

4. find the iteration variable in the following python code?

        for letter in 'apple':
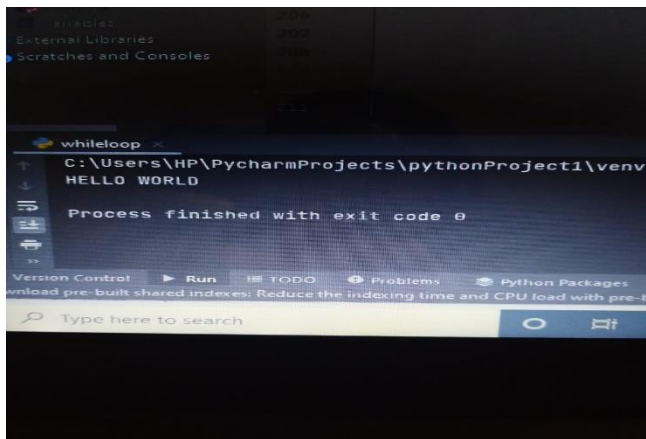
                print("letter')

Ans: letter

6. write the following python code printout?

  print(len ('luminar') *7)

Ans: 49

7.how would you print out the following variable into upper case in python ?

Greet='Hello World'

8. what is the out of following python code ?
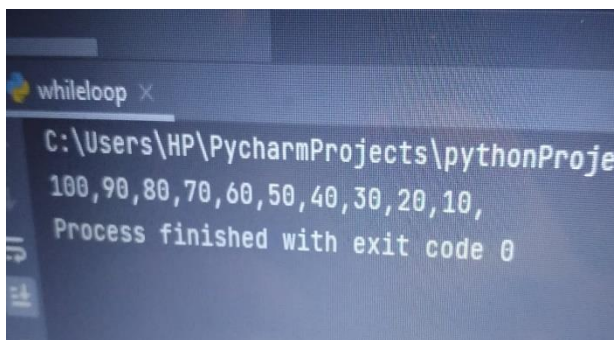
```
a="hello"
b="welcome"
 print(a+b)
```

Ans : hellowelcome

9.find the program printout?
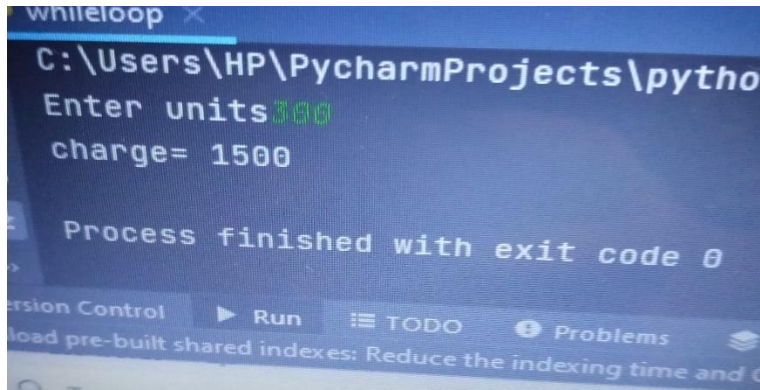
```
X='40'
Y=int(X)+2
Print(Y)
```

Ans : 42

10. print the given series usinf for loop ?100,90…………10

11. **Write a program to calculate the electricity bill (accept number of unit from user) according to the following criteria :**
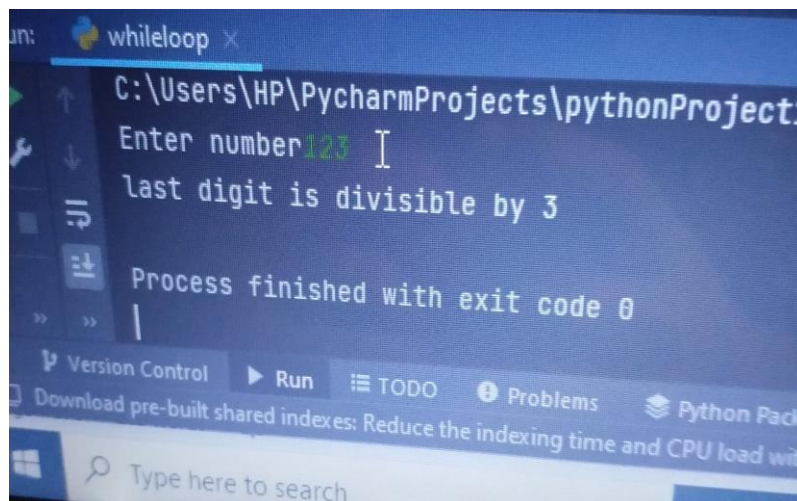
Unit	Price
First 100 units	no charge
Next 100 units	Rs 5 per unit
After 200 units	Rs 10 per unit

(For example if input unit is 350 than total bill amount is Rs2000)

```
whileloop ×
C:\Users\HP\PycharmProjects\pythoi
Enter units300
charge= 1500

Process finished with exit code 0
```

12. **Write a program to check whether the last digit of a number(entered by user) is divisible by 3 or not**

```
whileloop ×
C:\Users\HP\PycharmProjects\pythonProject1
Enter number123 I
last digit is divisible by 3

Process finished with exit code 0
```
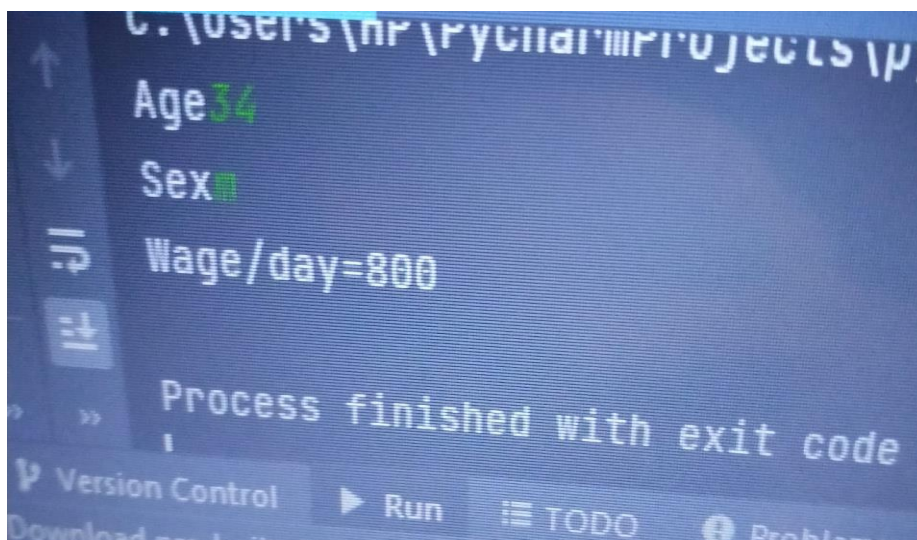
13. **Write the output of the following if a = 9**

```
if (a > 5 and a <=10):
    print("Hello")
```
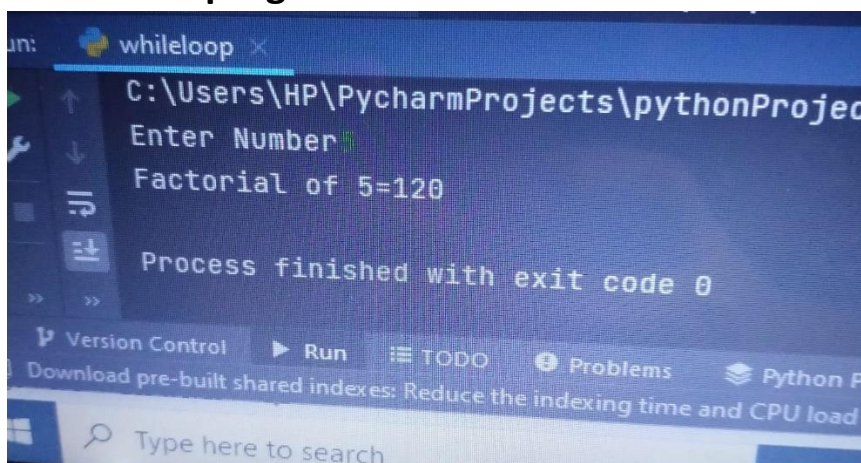
```
    else:
        print("Bye")
```

<mark>Ans:Hello</mark>

14. **Accept the age, sex ('M', 'F'), number of days and display the wages accordingly**

Age	Sex	Wage/day
>=18 and <30	M	700
	F	750
>=30 and <=40	M	800
	F	850

15. write a program to find factorial of a number using while loop ?

16. write a program to print the given output?

Input = 'hello'

Output=

h

h e

h e l

h e l l

h e l l o