1. Print the table of 5 using for loop.

Answer:

for i in range(1,11):

print("Table Five :",5\*i)

output:

Table Five : 5

Table Five : 10

Table Five : 15

Table Five : 20

Table Five : 25

Table Five : 30

Table Five : 35

Table Five : 40

Table Five : 45

Table Five : 50

1. Print even number series by taking input from the user.

Answer:

s=int(input("Enter the starting number:"))

e=int(input("Enter the ending number :"))

print("Even number series:")

for i in range(s,e+1):

if i%2==0:

print(i)

output:

Enter the starting number:5

Enter the ending number :6

Even number series:

6

3.     Create a list and iterate through its items using a for loop:

Answer:

l=["Cofee","Tea","Sugar","Bread","spong","Cherry"]

for item in l:

print(item)

Output:

Cofee

Tea

Sugar

Bread

spong

Cherry

4.     Calculate the sum of numbers from 1 to 10

Answer:

s=0

for i in range(1,11):

s+=i

print("sum of number 1 to 10:",s)

Output:

The sum of numbers from 1 to 10 is: 55

5. print the pattern

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Answer:

r=5

for i in range(1,r+1):

s=r-i

st=2\*i-1

print(" "\* s+ "\*" \* st)

output:

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6. Print the first 10 natural numbers using for loop

Output:

print("The first 10 natural number are:")

for i in range(1,11):

print(i)

Output:

The first 10 natural numbers are:

1

2

3

4

5

6

7

8

9

10

7. Python program to check if the given string is a palindrome

Answer:

i=int(input("Enter Number:"))

rev=0

x=i

while(i>0):

rev=(rev\*10)+i%10

i=i//10

if(x==rev):

print("Palindrome Number")

else:

print("Not Palindrome Number")

Output:

Enter Number:11

Palindrome Number

8. Python program to check if a given number is an Armstrong number

Answer: