Worksheet -5

1.Write a Python program that accepts two integers from the user and prints a message saying if first number is divisible by second number or if it is not.

2.Rewrite the following code in python after removing all syntax error(s).Underline each correction done in the code.

Value=30

For val in range(0,Value)

 If val%4==0

 print(val\*4)

 Else if val%5==0:

 Print(val+3)

 Else

 Print(val+10)

3.What does the following code print?

for i in range(1,10):

 for j in range(1,10):

 print(i\*j)

 print()

4.Find the error:

C=hello\*a\*a

1class=c+20

2class=1class\*10

4.Rao has written a code to input a number and check whether it is prime or not. His code is having errors. Rewrite the correct code and underline the corrections made.

def prime():

 n=int(input(“Enter number to check::”))

 for i in range(2,n//2):

 if n%i=0:

 print(“Number is not prime\n”)

 break

 else:

 print(“Number is prime \n’)

5.Write a Python program to print the following pyramid:

A

B B

C C C

D D D D

E E E E E

6.Find errors in the following codes and write the correct codes.Underline correction in each case.

a=10

while(a<100):

 print(a)

 print(“Over”)

7.The given code is wrong as value of X is not initialized.

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while x<10:

 print(x)

 x=x+2

8.What is the output of the following Python statements?

lst1=[10,15,20,25,30]

lst1.insert(3,4)

lst1.insert(2,3)

print(lst1[-5])

9.Identify the output of the following python statements:
L1,L2=[10,15,20,25],[]

for i in range(len(L1)):

 L2.insert(I,L1.pop())

 print(L1,L2,sep= “&”)

10.What will be the output of the following code?

tup1=(1,2,[1,2],3)

tup1[2][1]=3.14

print(tup1)