**LAB 02**

***OBJECT 01:***

Write a program to accept two numbers and print larger among them.

***SOURCE CODE:***

a=int(input("enter 1st number:"))

b=int(input("enter 2nd number:"))

if (a>b):

print(A)

if (b>a):

print(b)

***OUTPUT:***

C:\Users\TUSER\Desktop\LAB02\Capture01.PNG

***OBJECT 02:***

Write a program to accept a number and print if it is positive or negative.

***SOURCE CODE:***

a=int(input("any number"))

if (a<0):

print ("Negative number")

if (a>0):

print ("positive number")

***OUTPUT:***

C:\Users\TUSER\Desktop\LAB02\Capture2.PNG

***OBJECT 03:***

Write program to accept a number and check if it is greater than 100.

***SOURCE CODE:***

a=int(input("any number"))

if (a>100):

print ("number is greater than 100")

else:

print ("number is less than 100")

***OUTPUT:***

C:\Users\TUSER\Desktop\LAB02\Capture.PNG3.PNG

***OBJECT 04:***

Write a program to accept a number from user and print if it is even or odd.

***SOURCE CODE:***

a=int(input("enter number:"))

if(a%2==0):

print("number is even")

else:

print("number is odd")

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 4.PNG

***OBJECT 05:***

Write a program to accept a number from user and print if it is divisible by 5.

***SOURCE CODE:***

a=int(input("enter number:"))

if(a%5==0):

print(a)

else:

print("\n")

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 05.PNG

***OBJECT 06:***

Write a program to accept a number from user and print if it is multiple of 7.

***SOURCE CODE:***

a=int(input("enter number:"))

if(a%7==0):

print(a)

else:

print("\n")

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 06.PNG

***OBJECT 07:***

Write a program to accept two numbers from user and compare them.

***SOURCE CODE:***

a=int(input("enter 1st number:"))

b=int(input("enter 2nd number:"))

if(a>b):

print("a is greater than b")

elif(a<b):

print("a is less than b")

elif(a==b):

print("both numbers are equal")

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 07.PNG

***OBJECT 08:***

Write a program to accept roll number and marks for three subjects, print total marks, average and also print grade by following conditions:

* Avg >= 80 A+,
* Avg >= 70 A,
* Avg >= 60 B,
* Avg >=50 C,
* Avg ==49 && Avg <=49 Fail,

***SOURCE CODE:***

a=int(input("enter roll no.:"))

b=int(input("marks of physics:"))

c=int(input("marks of maths:"))

d=int(input("marks of english:"))

T=b+c+d

print(T)

A=(b+c+d)/3

print(A)

if(A>=80):

print("A+ grade")

elif(A>=70):

print("A grade")

elif(A>=60):

print("B grade")

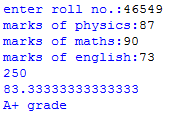
elif(A>=50):

print("C grade")

elif(A<=49):

print("Fail")

***OUTPUT:***



***OBJECT 09:***

Write a program to take input age in year and converted into days and months.

***SOURCE CODE:***

y=int(input("enter age in year:"))

d=y\*365

print(d)

m=y\*12

print(m)

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 9.PNG

***OBJECT 10:***

Write a program to accept a single value integer from user and print corresponding their month’s name.

***SOURCE CODE:***

a=int(input("enter a single value integer:"))

if(a==1):

print("January")

elif(a==2):

print("February")

elif(a==3):

print("March")

elif(a==4):

print("April")

elif(a==5):

print("May")

elif(a==6):

print("June")

elif(a==7):

print("July")

elif(a==8):

print("August")

elif(a==9):

print("September")

elif(a==10):

print("October")

elif(a==11):

print("November")

elif(a==12):

print("December")

***OUTPUT:***

C:\Users\EJAZ\Desktop\LAB 02\Capture 10.PNG