Group1

3.1 odd/even

num=int(input("Enter the number:"))

if(num%2==0):

print("The given number is even")

else:

print("The number is odd")

output:

.

>>>

== RESTART: C:/Users/TEMP.VCET.018/S V Harini22CSEB08/python program3.4.py ==

Enter any number24

the n is positive

>>>

==

3.2: student grade analysis

sub1=int(input("Enter the marks of the first subject:"))

sub2=int(input("Enter the marks of the second subject:"))

sub3=int(input("Enter the marks of the third subject:"))

sub4=int(input("Enter the marks of the fourth subject:"))

sub5=int(input("Enter the marks of the fifth subject:"))

avg=(sub1+sub2+sub3+sub4+sub5)/5

if(avg>90):

print("Grade:o")

elif(80<avg<=90):

print("Grade:A+")

elif(70<avg<80):

print("Grade:A")

elif(60<avg<=70):

print("Grade:B+")

elif(50<avg<=60):

print("Grade:B")

elif(avg<50):

print("Grade is U")

output:

Enter the marks of the first subject:100

Enter the marks of the second subject:90

Enter the marks of the third subject:85

Enter the marks of the fourth subject:76

Enter the marks of the fifth subject:95

Grade:A+

>>>

3.3 alphabet ,number space

ch=(input("enter a character:"))

if((ch>='a' and ch<='z'))or((ch>='A' and D<='Z')):

print("The given character is alphabet")

elif(ch>='0' and ch<='9'):

print("The given character is number.")

else:

print("The given character is a special character")

output:

== RESTART: C:\Users\TEMP.VCET.018\S V Harini22CSEB08\python program3.3.py ==

enter a character:\*

The given character is a special character

>>>

3.4 Lower and Upper case

n=int(input("Enter any number"))

if n>0:

print("the n is positive")

elif n<0:

print("The n is negative ")

else:

print("the no is zero")

output

== RESTART: C:\Users\TEMP.VCET.018\S V Harini22CSEB08\python program3.4.py ==

Enter any number8

the n is positive

>>>

3.5 Total salary bonus calculation

s=int(input("Enter salary"))

if s>10000:

newsalary=s+s\*10/100

print("you have 10% of bonus",newsalary)

elif s<10000:

newssalary=s+s\*12/100

print("you have 12% of bonus",newsalary)

else:

print("s no bonus",s)

Output

== RESTART: C:/Users/TEMP.VCET.018/S V Harini22CSEB08/python program 3.5.py ==

Enter salary24000

you have 10% of bonus 26400.0

>>>

3.6 Lower case and Upper case

ch=input("Enter the character:")

if(ch>='A'and ch<='Z'):

print("The character is converted into:",ch.lower())

elif(ch>='a'and ch<='z'):

print("The character is converted into:",ch.upper())

output

== RESTART: C:/Users/TEMP.VCET.018/S V Harini22CSEB08/python program 3.6.py ==

Enter the character:m

The character is converted into: M

>>>