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Group: 6

1.Print the days of the week with (1- 7)

         1-SUN, 2-MON......7- SAT

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

if(num==1):

print ("sunday")

elif(num==2):

print ("monday")

elif(num==3):

print ("tuesday")

elif(num==4):

print ("wednesday")

elif(num==5):

print ("thursday")

elif(num==6):

print ("friday")

elif(num==7):

print ("saturday")

else:

print("enter a valid number")

output:

enter a number=5 Thursday

2) Smallest of three numbers.

num1=int(input("enter the first number"))

num2=int(input("enter the second number"))

num3=int(input("enter the third number"))

if(num1<num2)and (num1<num3):

print(num1,"is the smallest")

elif(num2<num3):

print(num2,"is the smallest")

else:

print(num3,"is the smallest")

output:

enter the first number5

enter the second number7

enter the third number

2 is the smallest

3) Read a Character. if it is Lower , Print \*\* else print U

ch=input("enter a character")

if (ch.islower()):

print("\*\*")

else:

print("U")

output:

enter a character \*\*

2 is the smallest

Group 7

1)Odd /Even

num=int(input("enter number"))

if(num%2==0):

print(num,"is even number")

else:

print(num,"is odd number")

output:

enter odd or even no:2

2 is even number

enter number5

5 is odd number

2.Student grade Analysis

|  |  |
| --- | --- |
| 90 above | O |
| 80 to 90 | A+ |
| 70 to 80 | A |
| 60 to 70 | B+ |
| 50 to 60 | B |
| <50 | U |

mark = int(input((&quot;Enter the marks: &quot;)))

if mark &gt;= 90:

print(&quot;O Grade&quot;)

elif mark &gt;= 80 and mark &lt; 90:

print(&quot;A+ Grade&quot;)

elif mark &gt;= 70 and mark &lt; 80:

print(&quot;A Grade&quot;)

elif mark &gt;= 60 and mark &lt; 70:

print(&quot;B+ Grade&quot;)

elif mark &gt;= 50 and mark &lt; 60:

print(&quot;B Grade&quot;)

elif mark &lt; 50:

print(&quot;U Grade&quot;)

OUTPUT 1:

Enter the marks: 45

U Grade

OUTPUT 2:

Enter the marks: 92

O Grade

3) Read a character and check given character is Alphabet, Number, space

char = input(&quot;Enter a character: &quot;)

if char.isalpha():

print(&quot;The character is an alphabet&quot;)

elif char.isdigit():

print(&quot;The character is a digit&quot;)

elif char.isspace():

print(&quot;The character contains space&quot;)

OUTPUT 1:

Enter a character: t

The character is an alphabet

OUTPUT 2:

Enter a character: 4

The character is a digit