

Internale designment

FYBSC Computer Science Semester 1

USCS 102-Python Rogramming

Name: Maizah Shaikh

Class: FYCs

Roll No: 18

Submission Date: 29th September 2023

Faculty In-Charge: Perox-Hasan Phudinawala



Enter a character: W Output: w is a lowercase USCS 1.02 - Python Programming Marry: Malzali Shaikli Class: FYCS Roll Mo: 1.8 Submission Date: 29th September 2023 I accelled go closed good there strains Enter a number: -4 -4 is a regative number



1) WAP to check whether the entered character is lourcase or uppercase. Code :ch=input("Enter a character: ")
if(ch>='A' and ch<='z'): ely (ch >= 'a' and ch <= 'z'):

point (ch, "is a lowercase")

else: print (Character entered is neither uppercase nos lourercase") 2) WAP to check whether the entered number is positive, negative or O. Code: rum=int(input ("Enter a number;")) if (num >0): elig(num<0): print (num, "is a negative number" elig(num==0): dse: paint (num" Entered number is", num) point ("Invalid input")

Output: Enter any input from keyboard: 4995 4995 is a Number

(" : suboracts a situa" > tappie

Output:

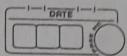
2

3 Leading self-resident despend of Ald (e)

5

7

These are the Revine Numbers from 1 to 21



93)	WAP to check if the entered character is alphabet,
	-dymbol or a number.
	10 1 2 1 2 sachard to selis
	Code:
	enter = input ("Enter any input forom Reyboard:") if (center >= 'A' and enter <= 'Z') or (enter >= 'a' and enter <= 'z'):
	if (center'>= 'A' and enter' <= "Z") or
	(enter>= a' and enter <= z')):
	1944 (enly, is a character,")
	ely (enter >= 0 and enter <= 9):
	point (enter, "is a Number")
	else:
13 100	print (enter," is a Symbol")
84)	WAP to print Prime Numbers from 1-20.
	Code:- 28200 : Erdanna och solati
- 31	for num in stange(1,21): if (num >1):
	if (num >1):
)	for i in Hange (2, num):
	for \hat{i} in $\text{Mange}(2, \text{num})$: $\text{if}(\text{num}^2/\hat{i} == 0)$: break
	break
	else:
	print ("These are the Paine Numbers from 1 to 21")
	france much and me purpo numbers from 1 1021)

Output: Enter a number: 1234 The renerse q 1234 is 4321 The color of the base of the color of the co

Output: may exident must bring at 900 /08 Enter the number: 40585

40585 is a Strong Number (comm 2) sprints (2, num);

Care of a constraint during the second of the second of the second during

85) WAP to find the reverse of a user entered run=int (input ("Enter a number:")) Jun = C Sev=0 while (num >0): rem = num % 10 rev = rev * 10 + rem num = num // 10 print("The runerse on, temp, "is: ", new) 36) WAP to check for Strong Number Code: num=int(input("Enter the number: ")) temp=num 3=Sum = 0 while (num > 0): digit = num°/010 fact = 1 for & i in Mange (1, digit + 1):
fact = fact x i Sum=sum+fact if (sum == temp): print (temp, "is not a strong Number")

Output:

Enter the number; 99 99 is not a Penine Munker

Output.

Enter a string: Maizah Shaikh@1004

Maizah Shaikh@1004 contains 12 letters, 4 digits
and 2 special symbols

print timp, is not a strong Marker

