

```

"""1>wapp to print the suitable stateent according to the
given input digit?"""
# num = int(input("enter your number : "))
# if num ==1:
#     print("one")
# elif num == 2:
#     print("two")
# elif num == 3:
#     print("three")
# elif num == 4:
#     print("four")
# elif num == 5:
#     print("five")
# elif num == 6:
#     print("six")
# elif num == 7:
#     print("seven")
# elif num == 8:
#     print("eight")
# elif num == 9:
#     print("nine")
# elif num == 10:
#     print("ten")
"""2>wapp to check the given number is in range or not
(3 to 30)"""
# num = int(input("enter your number : "))
# if 3<=num <=30:
#     print("lies in range 3 to 30")
# else:
#     print("not in range")
"""3>design a calculator if we enter the addition then it
should perform addition (upto floor division). py calculator"""
# num1 = float(input("Enter first number: "))
# num2 = float(input("Enter second number: "))
# operator = input("Enter operator (+, -, *, /): ")
# if operator == "+":
#     result = num1 + num2
# elif operator == "-":
#     result = num1 - num2
# elif operator == "*":
#     result = num1 * num2
# elif operator == "/":
#     if num2 != 0:

```

```

#         result = num1 / num2
#     else:
#         result = "Error! Division by zero"
# else:
#     result = "Invalid operator"
# print("Result:", result)
"""4>check whether the charecter is a vowels or
consonants? """
# v = ["a","e","i","o","u"]
# cha = input("enter charracter : ")
# if cha in v:
#     print(cha,"is a vowel")
# else:
#     print(cha,"is a consonant")
""" 5>check whether a string starts with vowels
or consonants? string"""
# a =input("enter your string : ")
# v =("a","e","i","o","u")
# if a.startswith(v):
#     print("starts with vowels")
# else:
#     print("starts with consonant")
"""6>check whether the string is empty or not. string empty"""
# a = input("enter your string :")
# if len(a) ==0:
#     print("string is empty")
# else:
#     print("string is not empty")
"""7>check whether the charecter is present in string
or not? char present in string or not"""
# a = input("enter your string :")
# if a.isalnum()==False:
#     print("special char is present")
# else:
#     print("special char is not present")
"""8>check whether a number is multiple of 10 or 7? multiple of 10 or
7"""
# num = int(input("enter your string :"))
# if num %10 == 0 and num %7 == 0:
#     print("it is a mutliple of 10 and 7")
# elif num %7 ==0:
#     print("it is a mutliple of 7")
# elif num %10 == 0:

```

```
#     print("it is a mutliple of 10")
""" 9>validate the entered mobile number length
is 10 or not?"""
"""mobile number is valid(len of 10) or not"""
# num = input("enter mobile num :")
# if len(num) == 10:
#     print("num valid")
# else:
#     print("not valid")
"""10>check whether the email is valid or not? """
# email = input("Enter your email: ")
# if (
#     "@" in email and
#     "." in email and email.index("@") > 0 and email.rfind(".") >
email.index("@") and not email.endswith(".")
# ):
#     print("Valid Email")
# else:
#     print("Invalid Email")
```