1.Printing Numbers 1 to 5

For I in range(1, 6):

Print(i)

Output:

1

2

3

4

5

2. Sum of Numbers 1 to 10

Sum = 0

For I in range(1, 11):

Sum += i

Print(“Sum:”, sum)

Output:

Sum: 55

3. Print Even Numbers Between 1 and 10

For I in range(1, 11):

If I % 2 == 0:

Print(i)

Output:

2

4

6

8

10

4.Write a python program to reverse a string “python”.

String = “Python”

Reversed\_string = “”

For char in string:

Reversed\_string = char + reversed\_string

Print(“Reversed string:”, reversed\_string)

Output

Reversed string: nohtyP

5. Write a python program to check a word whether it is pallimdrome or not.

Word = input(“Enter a word: “)

Reversed\_word = “”

For char in word:

Reversed\_word = char + reversed\_word

Print(“Reversed word:”, reversed\_word)

1. Check if a number is positive or negative

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

if num > 0:

print("The number is positive.")

elif num < 0:

print("The number is negative.")

else:

print("The number is zero.")

2. Check if a number is even or odd

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

if num % 2 == 0:

print("The number is even.")

else:

print("The number is odd.")

3. Write a python program to check a person is eligible to vote

age = int(input("Enter your age: "))

if age >= 18:

print("You are eligible to vote.")

else:

print("You are not eligible to vote.")

4. Write a python program to check a number lies in a range

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

if 1 <= number <= 100:

print(f"{number} lies within the range of 1 to 100.")

else:

print(f"{number} is outside the range.")

5.check if a student has passed or failed based on their marks

marks = int(input("Enter your marks: "))

if marks >= 50:

if marks >= 60:

print("You have passed with distinction!")

else:

print("You have passed.")

else:

print("You have failed.")