2. Declaration of variables is not necessary
3.python is platform independent
python weakness:

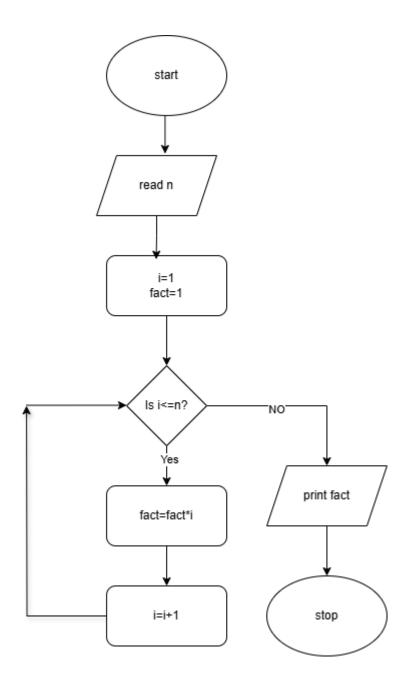
2.python requires high memory consumption

1.It is slow compared to c

3. Explain the compilation process and how it differs from interpretation.

Acompiler translates the entire source code into machine code before execution, while an interpreter translates and executes code line by line during runtime

4. Create a flowchart for a program that calculates the factorial of a given number.



5. Write a function in your preferred programming language to calculate the area of a rectangle.

```
return I * b

length = int(input())
breadth = int(input())
print(area_rectangle(length,breadth))
```

def area\_rectangle(I, b):