**Lab 2a: Basic Input and Output**

1. Write a pseudocode, draw a flowchart, and write a program to print “Hello Good Day”

2. Write a pseudocode, draw a flowchart, and write a program to display a number that is stated in the program and display it.

3. Write a pseudocode, draw a flowchart, and write a program to accept a number from the user and display it.

4: Write a pseudocode, draw a flowchart, and write a program to display the following output on the screen

(Hint: use escape sequences: **\n** for a new line and **\t** for a tab)

**Expected Output:**

**Welcome to a student registration system**

1. **Register**
2. **Update**
3. **Delete**
4. **Exit**

5: Write a pseudocode, draw a flowchart, and write a program to get the student’s details such as the student’s name, TP Number, the mark, the grade, and the CGPA. Display all the details back on the screen.

**Sample input/output:**

Please enter your name: **James Payne**

Please enter your TP number: **TP0123456**

Please enter your marks: **72**

Please enter your grade: **B**

Please enter your CGPA: **3.5**

**Your details displayed are as follows:**

Name: James Payne

TP number: TP0123456

Marks: 72

Grade: B

CGPA: 3.5

Thank you for registering.

Q2

|  |  |  |
| --- | --- | --- |
| INPUT | PROCESS | OUTPUT |
|  | SET num = 10 | num |

Q3

|  |  |  |
| --- | --- | --- |
| INPUT | PROCESS | OUTPUT |
| num | READ num | num |

Q4