Espedillon Melchor
BSIT-1-1B - Evening

1. Write and what is C programming Decision Control Statements and provide the following
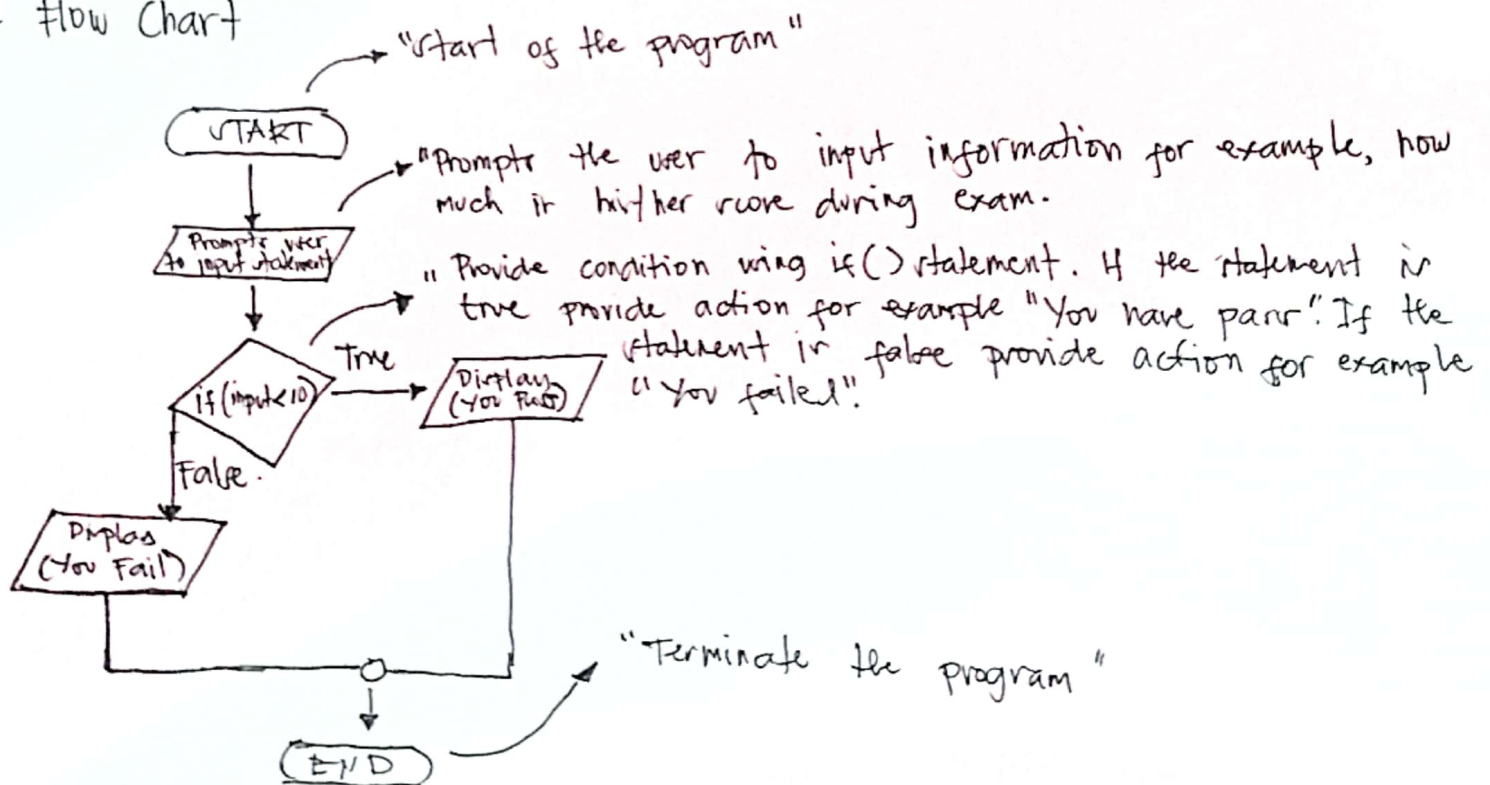   * 1.1 Meaning
     1.2 Flowchart with explanation and;
     1.3 Examples

1.1. Meaning

- The decision-making statements would require that the programmer handling the program provides the program with the specification of single or multiple conditions that the program gets to test or evaluate It also needs to specify a statement or various other statements that will get executed in case the determined condition is false.

1.2 Flow Chart

→ "Start of the program"

→ "Prompts the user to input information for example, how much is his/her score during exam.

→ " Provide condition using if() statement. If the statement is true provide action for example "You have pass". If the statement is false provide action for example "You failed".

→ "Terminate the program "

Example

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int i;                                    // declares variable

    printf("Enter your score:\n");            // prompts the user to input data.
    scanf("%d", &i);                          // store the data into the variable
    if (i >= 7)                               // Decision, is the data is greater than 7
    { printf("You have passed the exam!");
    }                                         // If the statement is true print this out
    else { printf("You have failed the exam!");
    };                                        // If the statement is proven wrong print this out

    return 0;
                                              // Terminate the program
}
```