computeGrade

Write a C program that prints the ID and grade of each student in a class. The input contains the student IDs and their marks. The range of the marks is from 0 to 100. The relationships of the marks and grades are given below:

Grade	Mark
A	100-75
B	74-65
C	64-55
D	54-45
F	44-0

Use the sentinel value –1 for student ID to indicate the end of user input.

A sample program template is given below.

```c
#include <stdio.h>
int main()
{
   /* Write your code here */

   return 0;
}
```

Sample input and output sessions are given below:

(1) Test Case 1:
   Enter Student ID:
   11
   Enter Mark:
   56
   Grade = C
   Enter Student ID:
   21
   Enter Mark:
   89
   Grade = A
   Enter Student ID:
   31
   Enter Mark:
   34
   Grade = F
   Enter Student ID:
   -1

(2) Test Case 2:
   Enter Student ID:
   11
   Enter Mark:

75
Grade = A
Enter Student ID:
21
Enter Mark:
65
Grade = B
Enter Student ID:
31
Enter Mark:
55
Grade = C
Enter Student ID:
32
Enter Mark:
45
Grade = D
Enter Student ID:
-1

(3) Test Case 2:
Enter Student ID:
-1