**SOURCE CODE**

#include <stdio.h>

**const** **char** grade (**int** mark);

**int**

main (**void**)

{

**double** mark;

**int** score;

printf ("This is a exam mark calculatir for corresponding letter grade \n");

printf ("Please enter your exam mark in percentage (0-100) : ");

scanf ("%lf", &mark);

**while** (!(0 <= mark && mark <= 100)) {

printf ("Please enter your exam mark in percentage (0-100) : ");

scanf ("%lf", &mark);

}

**if** (93 <= mark && mark <= 100){

score = 1 ;

}

**else** **if** (88 <= mark && mark <= 92){

score = 2 ;

}

**else** **if** (83 <= mark && mark <= 87){

score = 3 ;

}

**else** **if** (78 <= mark && mark <= 82){

score = 4 ;

}

**else** **if** (73 <= mark && mark <= 77){

score = 5 ;

}

**else** **if** (68 <= mark && mark <= 72){

score = 6 ;

}

**else** **if** (63 <= mark && mark <= 67){

score = 7 ;

}

**else** **if** (58 <= mark && mark <= 62){

score = 8 ;

}

**else** **if** (53 <= mark && mark <= 57){

score = 9 ;

}

**else** **if** (50 <= mark && mark <= 52){

score = 10 ;

}

**else** {score = 11;}

printf ("You grade is : ");

**switch** (score) {

**case** 1 : printf("A\n" );

**break**;

**case** 2 : printf("A-\n");

**break**;

**case** 3 : printf("B+\n");

**break**;

**case** 4 : printf("B\n");

**break**;

**case** 5 : printf("B-\n");

**break**;

**case** 6 : printf("C+\n");

**break**;

**case** 7 : printf("C\n");

**break**;

**case** 8 : printf("C-\n");

**break**;

**case** 9 : printf("D+\n");

**break**;

**case** 10 : printf("D\n");

**break**;

**case** 11 : printf("F\n");

**break**;

}

}

Text, letter

Description automatically generated