

```

1  #include<stdio.h>
2
3  int main()
4  {
5      float s1, s2, s3, s4, s5, per;
6
7      printf("Enter marks of 5 subject\n");
8      scanf("%f %f %f %f %f", &s1, &s2, &s3, &s4, &s5);
9
10     per = (s1 + s2 + s3 + s4 + s5) / 5.0;
11
12     if(per > 80)
13     {
14         printf("Grade A\n");
15     }
16     else
17     {
18         if(per < 80 && (per >= 70))
19         {
20             printf("Grade B\n");
21         }
22         else
23         {
24             if(per < 70 && (per >=60))
25             {
26                 printf("Grade C\n");
27             }
28             else
29             {
30                 if(per <60 && (per >=45))
31                 {
32                     printf("Grade D\n");
33                 }
34                 else
35                 {
36                     if(per < 45)
37                     {
38                         printf("FAIL\n");
39                     }
40                 }
41             }
42         }
43     }
44 }
45
46 return 0;
47 }
48
49 /*OUTOUT
50 Enter marks of 5 subject
51 80
52 89
53 97
54 90
55 88
56 Grade A
57
58 Process returned 0 (0x0)   execution time : 22.001 s
59 Press any key to continue.
60 Enter marks of 5 subject
61 70
62 77
63 76
64 60
65 79
66 Grade B

```

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67
68 Process returned 0 (0x0)   execution time : 33.534 s
69 Press any key to continue.
70
71 Enter marks of 5 subject
72 65
73 66
74 69
75 54
76 66
77 Grade C
78
79 Process returned 0 (0x0)   execution time : 74.938 s
80 Press any key to continue.
81
82 Enter marks of 5 subject
83 45
84 56
85 60
86 54
87 55
88 Grade D
89
90 Process returned 0 (0x0)   execution time : 29.532 s
91 Press any key to continue.
92
93 Enter marks of 5 subject
94 45
95 34
96 43
97 22
98 44
99 FAIL
100
101 Process returned 0 (0x0)   execution time : 22.564 s
102 Press any key to continue.
103
104
105
106 */
107
108
109
110
111
112
```