

29. #include <stdio.h>

```
int main() {  
    float marksC, marksCCP, marksJava;  
    float total, average;  
    char grade;  
  
    // Read marks from user  
    printf("Enter marks for C: ");  
    scanf("%f", &marksC);  
  
    printf("Enter marks for CCP: ");  
    scanf("%f", &marksCCP);  
  
    printf("Enter marks for Java: ");  
    scanf("%f", &marksJava);  
  
    // Check if student passes all subjects  
    if (marksC >= 40 && marksCCP >= 40 && marksJava >= 40) {  
        // Calculate total marks  
        total = marksC + marksCCP + marksJava;  
  
        // Calculate average marks  
        average = total / 3.0;  
  
        // Determine class based on average marks  
        if (average >= 70) {  
            grade = 'A';  
        } else if (average >= 60) {  
            grade = 'B';  
        } else if (average >= 50) {
```

```
    grade = 'C';  
} else {  
    grade = 'D';  
}
```

```
// Display results
```

```
printf("Total marks: %.2f\n", total);  
printf("Average marks: %.2f\n", average);  
printf("Class: Grad
```