

Question No:28:

//Program to calculate the marks of three subjects and display their avg

//let us assume pass mark of each subject is 40

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

```
int main()
```

```
{
```

```
    float c,cpp,java,t,avg;
```

```
    c=cpp=java=t=avg=0;
```

```
    printf("Enter your c marks :");
```

```
    scanf("%f",&c);
```

```
    printf("Enter your cpp marks :");
```

```
    scanf("%f",&cpp);
```

```
    printf("Enter your java marks :");
```

```
    scanf("%f",&java);
```

```
    t=c+cpp+java;
```

```
    avg=t/3;
```

```
    if(c>=40&&cpp>=40&&java>=40&&avg>=40)
```

```
    {
```

```
        if(avg>90)
```

```
            printf("A+");
```

```
        else
```

```
            if(avg>=80&&avg<=90)
```

```
                printf("A");
```

```
        else
```

```
            if(avg>=60&&avg<80)
```

```
                printf("B+");
```

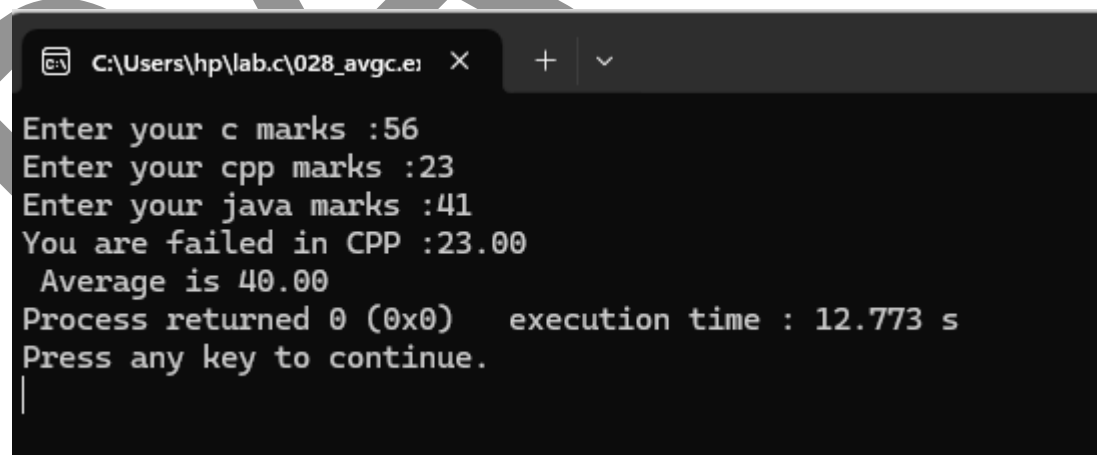
```
        else
```

```
            if(avg>40&&avg<60)
```

```
                printf("B");
```

```
else
    if(c<40 || cpp<40 || java<40)
        printf("no grade");
}
else
    if(c<40)
        printf("\aYou are failed in C :%.2f",c);
else
    if(cpp<40)
        printf("\aYou are failed in CPP :%.2f",cpp);
else
    if(java<40)
        printf("\aYou are failed in JAVA :%.2f",java);
printf("\n Average is %.2f",avg);

return 0;
}
```



```
C:\Users\hp\lab.c\028_avgc.ei X + v
Enter your c marks :56
Enter your cpp marks :23
Enter your java marks :41
You are failed in CPP :23.00
Average is 40.00
Process returned 0 (0x0) execution time : 12.773 s
Press any key to continue.
|
```