#include <stdio.h>

int main() {

float python, c\_prog, maths, physics, total, aggregate;

printf("Enter the marks in python: ");

scanf("%f", &python);

printf("Enter the marks in c programming: ");

scanf("%f", &c\_prog);

printf("Enter the marks in Mathematics: ");

scanf("%f", &maths);

printf("Enter the marks in Physics: ");

scanf("%f", &physics);

// calculate total and aggregate

total = python + c\_prog + maths + physics;

aggregate = total / 4.0;

// display total and aggregate

printf("Total= %.0f\n", total);

printf("Aggregate = %.1f\n", aggregate);

// display grade based on aggregate

if (aggregate >= 75) {

printf("DISTINCTION\n");

} else if (aggregate >= 60) {

printf("First Division\n");

} else if (aggregate >= 50) {

printf("Second Division\n");

} else if (aggregate >= 40) {

printf("Third Division\n");

} else {

printf("Fail\n");

}

return 0;

}

OUTPUT:

1.Sample:

Enter the marks in python: 90

Enter the marks in c programming: 91

Enter the marks in Mathematics: 92

Enter the marks in Physics: 93

Total= 366

Aggregate = 91.5

DISTINCTION

2.

Enter the marks in python: 18

Enter the marks in c programming: 76

Enter the marks in Mathematics: 93

Enter the marks in Physics: 65

Total= 252

Aggregate = 63.0

First Division

3.

Enter the marks in python: 73

Enter the marks in c programming: 78

Enter the marks in Mathematics: 79

Enter the marks in Physics: 75

Total= 305

Aggregate = 76.2

DISTINCTION

4.

Enter the marks in python: 98

Enter the marks in c programming: 106

120Enter the marks in Mathematics: 120

Enter the marks in Physics: 95

Total= 419

Aggregate = 104.8

DISTINCTION

5.

Enter the marks in python: 96

Enter the marks in c programming: 73

Enter the marks in Mathematics: -85

Enter the marks in Physics: 95

Total= 179

Aggregate = 44.8

Third Division

6.

Enter the marks in python: 78

Enter the marks in c programming: 59.8

Enter the marks in Mathematics: 76

Enter the marks in Physics: 79

Total= 293

Aggregate = 73.2

First Division