OS assignment 3

**Name: Yash Oswal**

**Roll: 38**

**Div: B**

1. Write an AWK to display student grades. Input file contains student marks of 5 courses.

Input:

Yash Oswal|201901226|76|82|93|84|86

Rohan Dhawale|201900254|65|76|43|78|87

Atharva Gokhale|201900115|88|79|96|78|65

Sanket Chap.|201900153|43|44|46|48|45

Hasnain Merchant|201901227|98|92|89|96|90

Jinesh Mutha|201900140|58|52|55|57|57

Dhruv Shah|201900056|65|67|62|69|58

Program:

BEGIN {

sum = 0

avg = 0

}

{

sum = $3+$4+$5+$6+$7;

avg = sum/5;

if (avg>90) {

grade = "O";

} else if (avg > 80) {

grade = "A+";

} else if (avg > 70) {

grade = "A";

} else if (avg > 60) {

grade = "B+";

} else if (avg > 50) {

grade = "B";

} else if (avg > 40) {

grade = "C";

} else if (avg > 35) {

grade = "P";

}

printf $1"|"avg"|"grade"\n";

}

Output:

Yash Oswal|A+

Rohan Dhawale|B+

Atharva Gokhale|A+

Sanket Chap.|C

Hasnain Merchant|O

Jinesh Mutha|B

Dhruv Shah|B+