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| **Pf assignment no. 3** |
| **AITZAZ TAHIR CH 19P-0012 BS(CS)-B** |
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**TASK 1**

**DATA FILE**

John 80

Brad 45

Anna 65

**PROGRAM**

#include<fstream>

#include<iostream>

#include<string>

using namespace std;

int main()

{

ifstream infile;

infile.open("results.txt");

int marks;

string name , grade;

for(int i=1; i<=3; i++)

{

infile>>name>>marks;

if(marks>=90)

{

grade="A+";

}

else if(marks>=86 && marks<=89)

{

grade="A";

}

else if(marks>=82 && marks<=85)

{

grade="A-";

}

else if(marks>=78 && marks<=81)

{

grade="B+";

}

else if(marks>=74 && marks<=77)

{

grade="B";

}

else if(marks>=70 && marks<=73)

{

grade="B-";

}

else if(marks>=66 && marks<=69)

{

grade="C+";

}

else if(marks>=62 && marks<=65)

{

grade="C";

}

else if(marks>=58 && marks<=61)

{

grade=="C-";

}

else if(marks>=54 && marks<=57)

{

grade=="D+";

}

else if(marks>=50 && marks<=53)

{

grade=="D";

}

else if(marks<=50)

{

grade=="F";

}

else

{

cout<<"your input is wrong"<<endl;

}

cout<<name<<":"<<grade<<endl;

}

system("pause");

return 0;

}

**TASK 2**

**DATA FILE**

250 5750

100 28000

50 35750

25 18750

**PROGRAM**

#include<fstream>

#include<iostream>

#include<string>

using namespace std;

int main()

{

ifstream infile;

infile.open("data.txt");

ofstream outfile;

outfile.open("result.txt");

int poft , nooft , tsale;

for(int i=0;i<=3;i++)

{

infile>>poft>>nooft;

tsale=poft\*nooft;

outfile<<"No.Of.Tickets.Sold"<<"\t"<<"Total.Sale.Amount:$"<<endl;

outfile<<nooft<<"\t"<<tsale<<endl;

}

system("pause");

return 0;

}

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