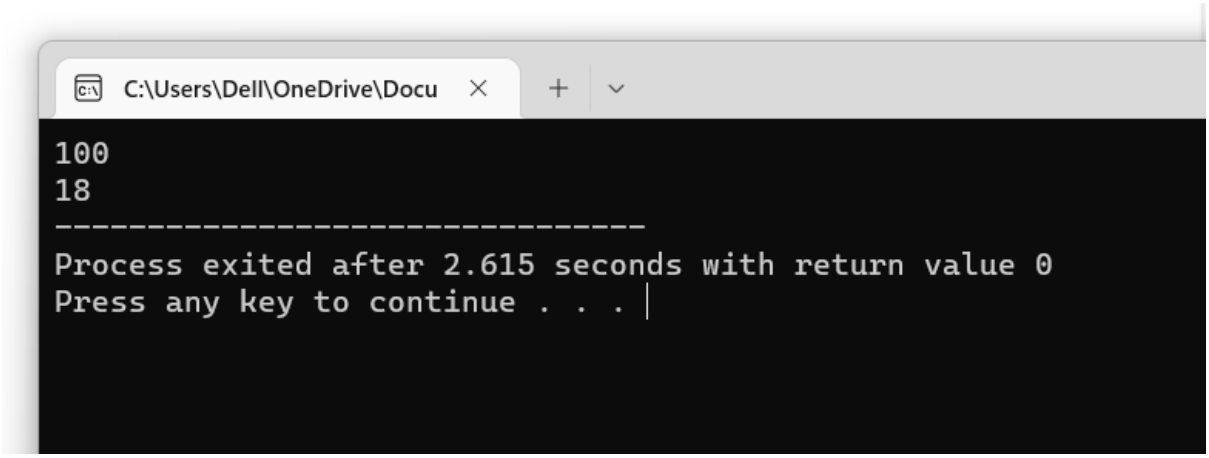
Task 1:

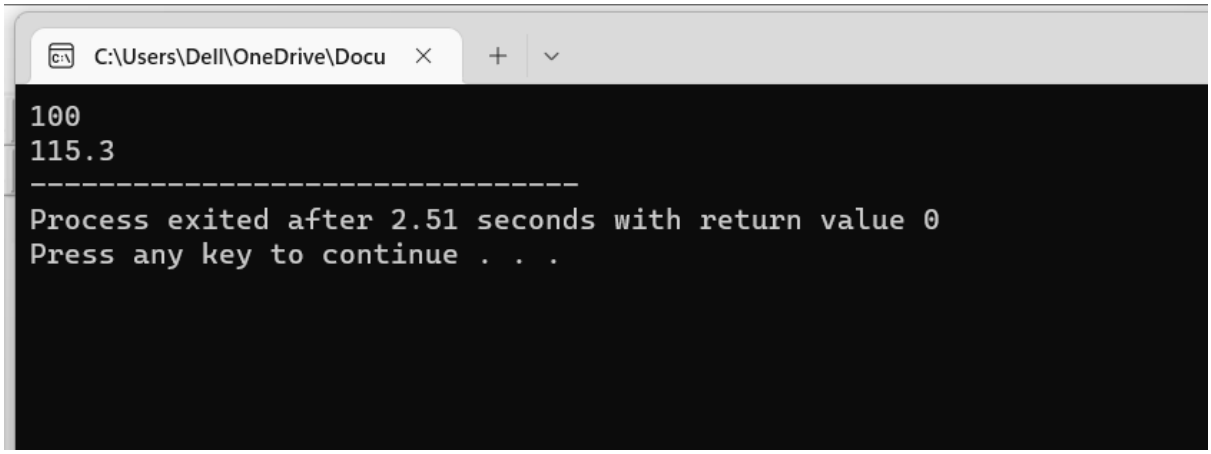
```
#include<iostream>
using namespace std;
int main()
{
	double num, taxnum;
	cin>>num;
	taxnum=num*0.18;
	cout<<taxnum;
}
```



Task 2:

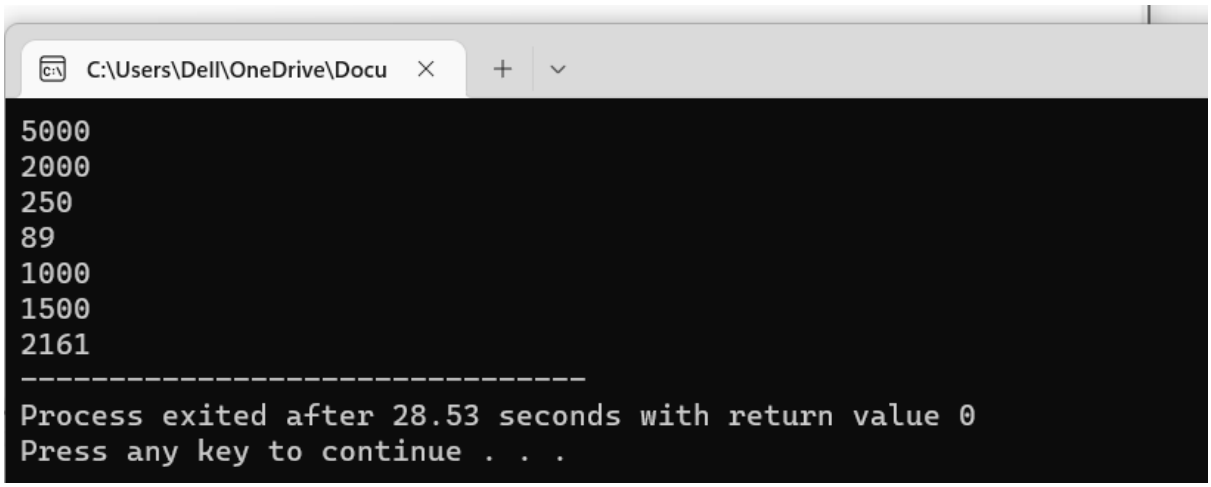
```
#include<iostream>
using namespace std;
int main()
{
	float bill, GST, discount, tbill;
	cin>>bill;
	discount=bill*0.1;
	GST=(bill-discount)*0.17;
	bill=bill+GST;
	cout<<bill;
```

}



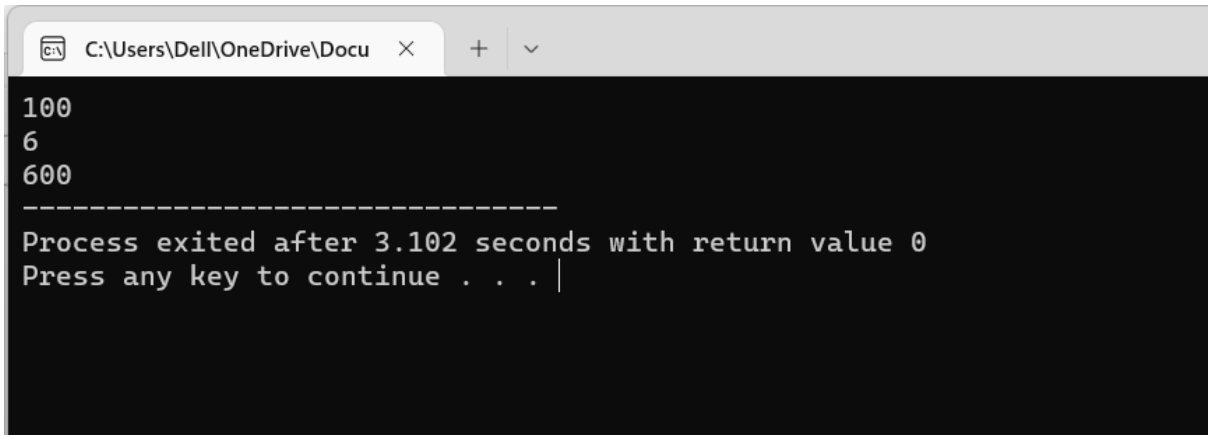
Task3:

```
#include<iostream>

using namespace std;

int main()

{

        int pmoney, lmoney, netflix, spotify, mothermoney, save, KFCbill, remaining;

        cin>>pmoney>>lmoney>>netflix>>spotify>>mothermoney>>KFCbill;

        save=((((pmoney-lmoney)-netflix)-spotify)+mothermoney);

        remaining=save-KFCbill;

        cout<<remaining;

}
```



Task 4:

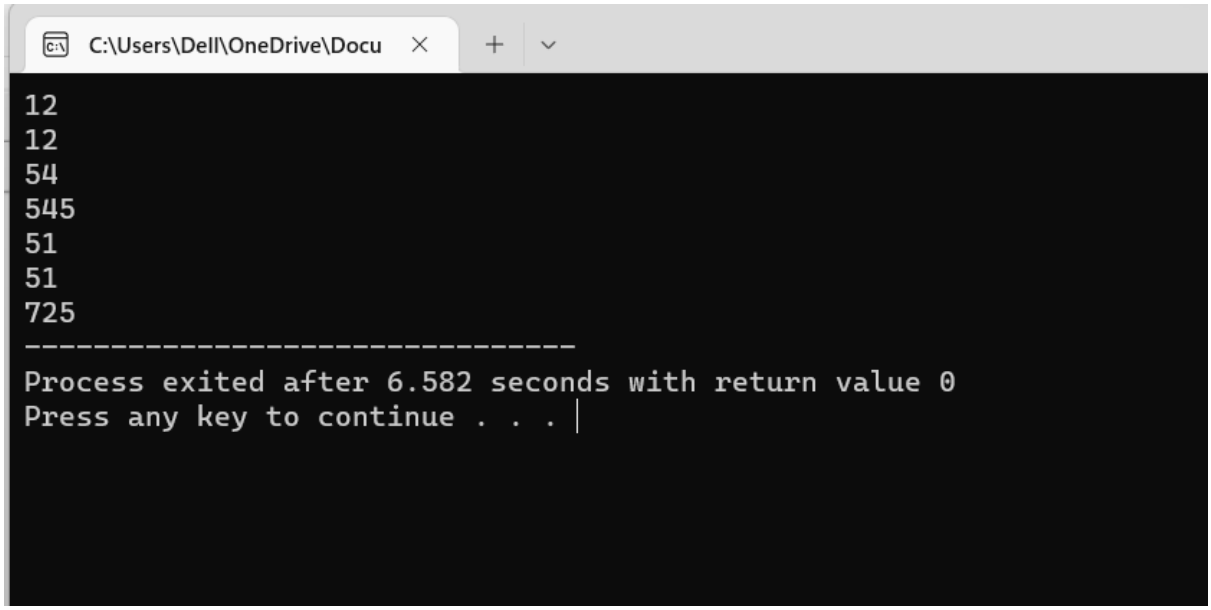
```
#include<iostream>

using namespace std;

int main()

{

	int saving, week;

	cin>>saving>>week;

	saving=saving*week;

	cout<<saving;


}
```



Task 4 another:

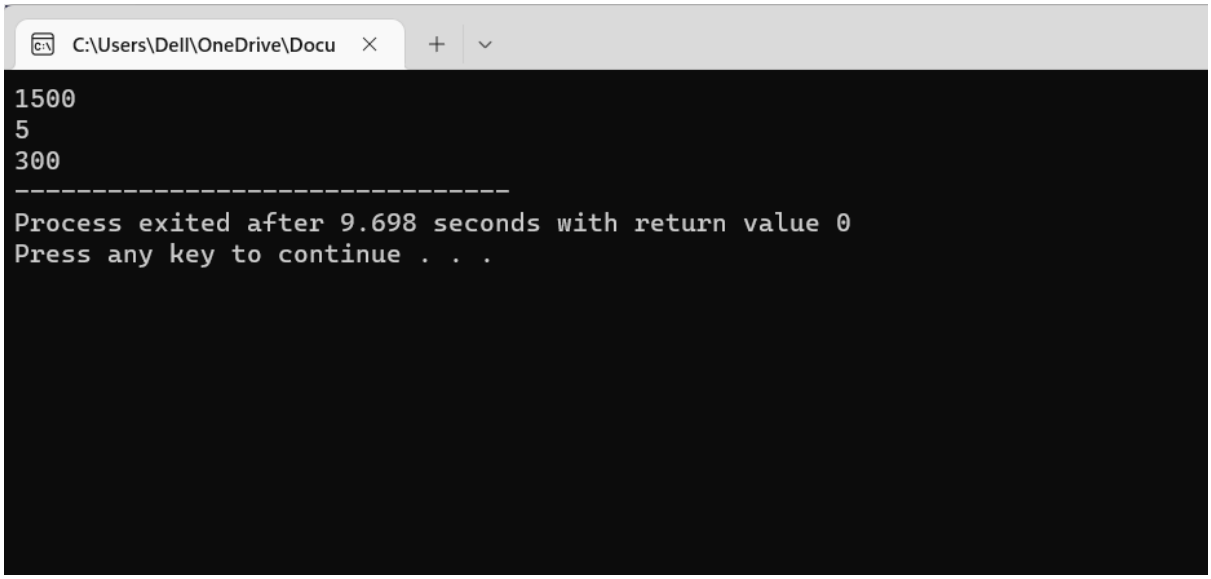
```
#include<iostream>

using namespace std;

int main()

{

	int s1, s2, s3, s4, s5, s6, saving;

	cin>>s1>>s2>>s3>>s4>>s5>>s6;

	saving=s1+s2+s3+s4+s5+s6;

	cout<<saving;
```

}



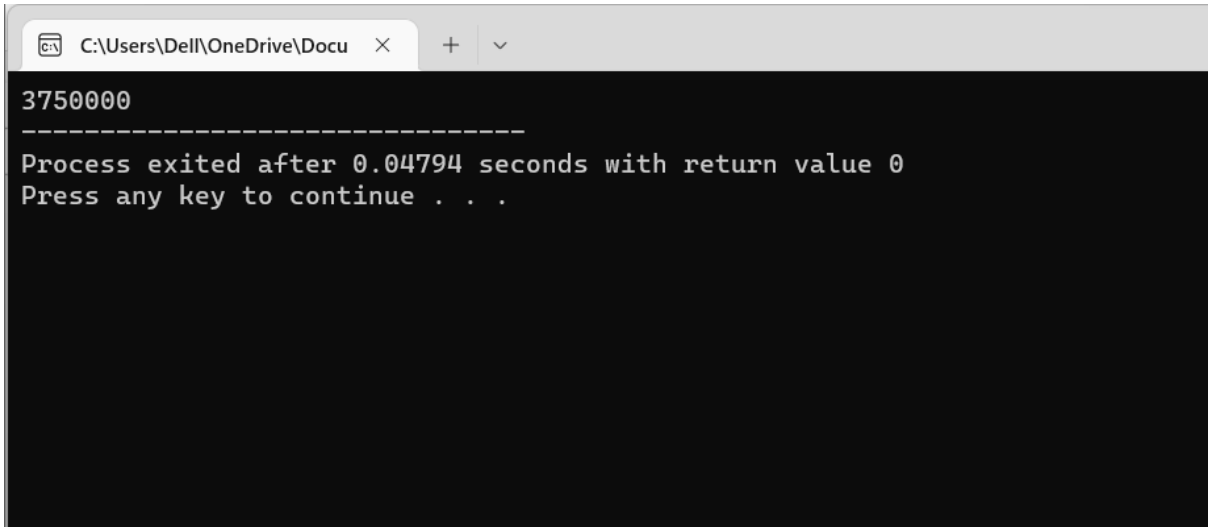
Task 5:

```
#include<iostream>
using namespace std;
int main()
{
	float distance, time, velocity;
	cin>>distance>>time;
	velocity=distance/time;
	cout<<velocity;

}
```



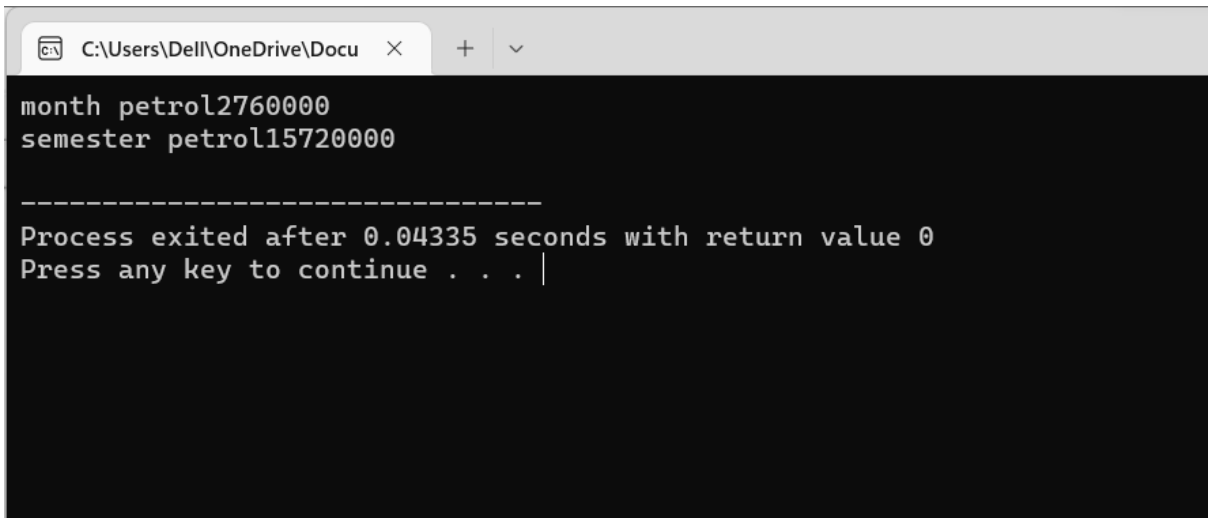
Task 6:

```
#include<iostream>

using namespace std;

int main()

{

        int amount=3000,profit, futureprofit;

        profit=(amount*1000)*0.25;

        futureprofit=5*profit;

        cout<<futureprofit;


}
```



Task 7:

```
#include<iostream>

using namespace std;

int main()

{

        int petrol=10000, month, semester;

        petrol=petrol*12;

        month= petrol*23;

        semester= petrol*131;

        cout<<"month petrol"<<month<<endl;

        cout<<"semester petrol"<<semester<<endl;



}
```

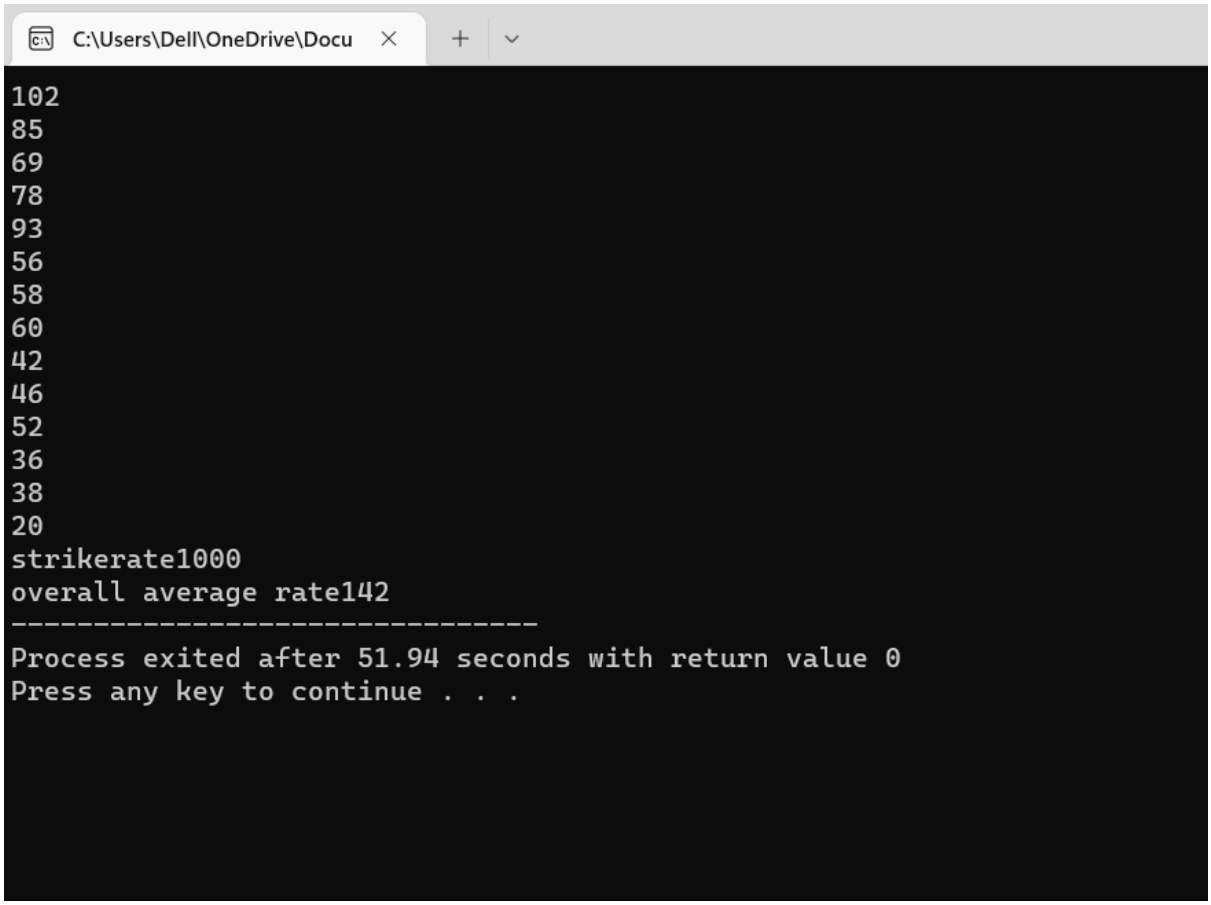


Task 8:

```
#include<iostream>

using namespace std;

int main()

{

        int strikerate,avgrate,runscored1,
runscored2,runscored3,runscored4,runscored5,runscored6,runscored7,
```

```
ballsfaced1,ballsfaced2,ballsfaced3,ballsfaced4,ballsfaced5,ballsfaced6,ballsfaced7, srate1, srate2,
srate3, srate4, srate5, srate6, srate7;


        cin>>runscored1;

        cin>>runscored2;

        cin>>runscored3;

        cin>>runscored4;

        cin>>runscored5;

        cin>>runscored6;

        cin>>runscored7;

        cin>>ballsfaced1;

        cin>>ballsfaced2;

        cin>>ballsfaced3;

        cin>>ballsfaced4;

        cin>>ballsfaced5;

        cin>>ballsfaced6;

        cin>>ballsfaced7;


        srate1 = (runscored1 / ballsfaced1) * 100;

        srate2 = (runscored2 / ballsfaced2) * 100;

        srate3 = (runscored3 / ballsfaced3) * 100;

        srate4 = (runscored4 / ballsfaced4) * 100;

        srate5 = (runscored5 / ballsfaced5) * 100;

        srate6 = (runscored6 / ballsfaced6) * 100;

        srate7 = (runscored7 / ballsfaced7) * 100;

        strikerate=srate1+srate2+srate3+srate4+srate5+srate6+srate7;

        avgrate=strikerate/7;

        cout<<"strikerate"<<strikerate<<endl;

        cout<<"overall average rate"<<avgrate;
```

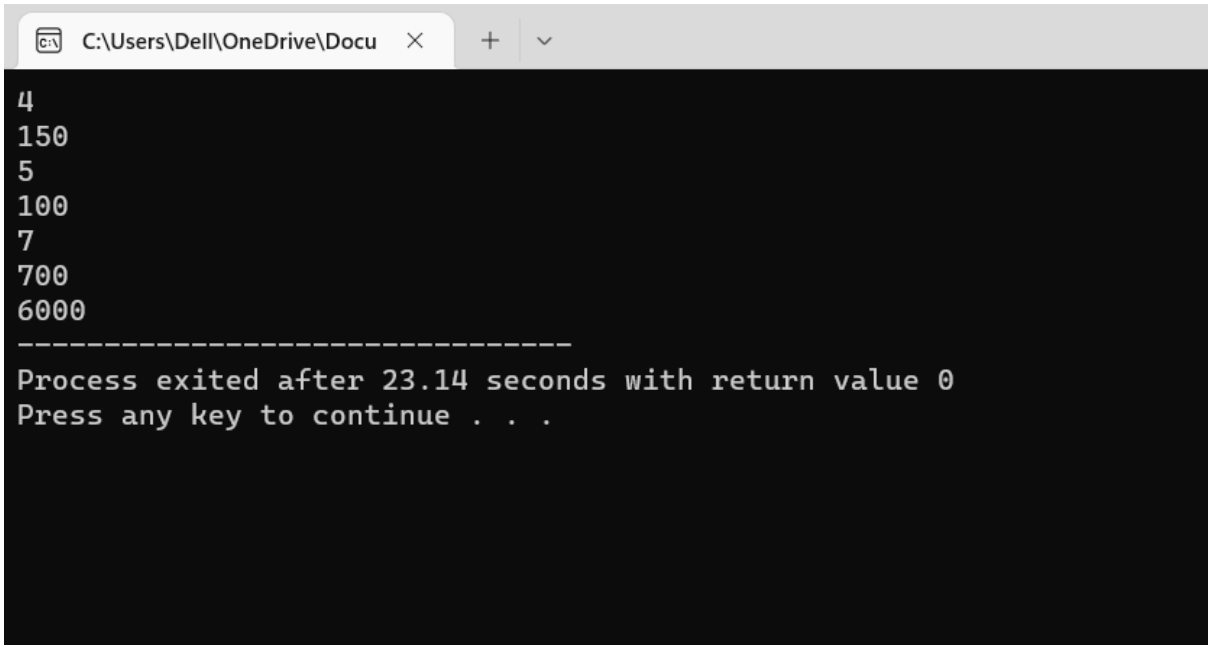
}



Task 9:

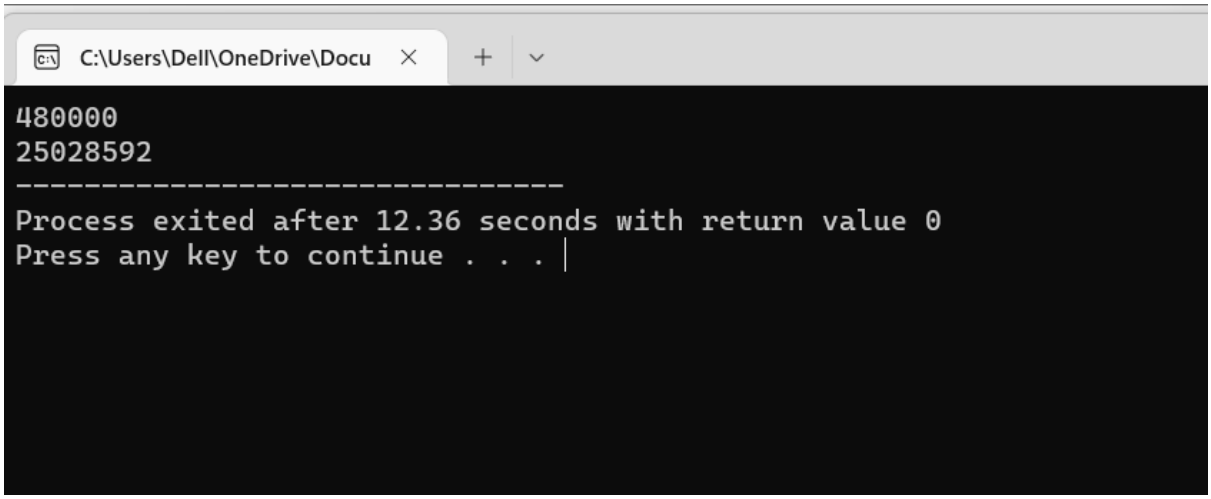
```
#include<iostream>
using namespace std;
int main()
{
    int numfr, costfr, numshaw, costshaw, numpiz, costpiz, fries, shaw, piz, total;
    cin>>numfr>>costfr>>numshaw>>costshaw>> numpiz>>costpiz;
    fries=numfr*costfr;
    shaw=numshaw*costshaw;
    piz=numpiz*costpiz;
    total=fries+shaw+piz;
```

```
    cout<<total;
}
```



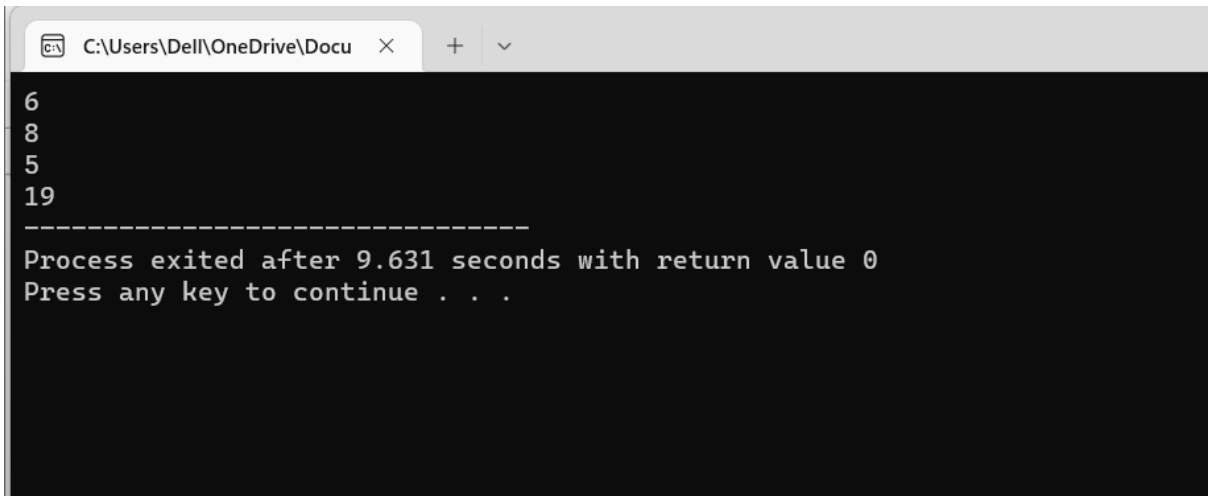
Task 10:

```
#include<iostream>

using namespace std;

int main()

{

    int nw, pay;

    cin>>pay;

    nw=pay*52.1429;

    cout<<nw;


}
```



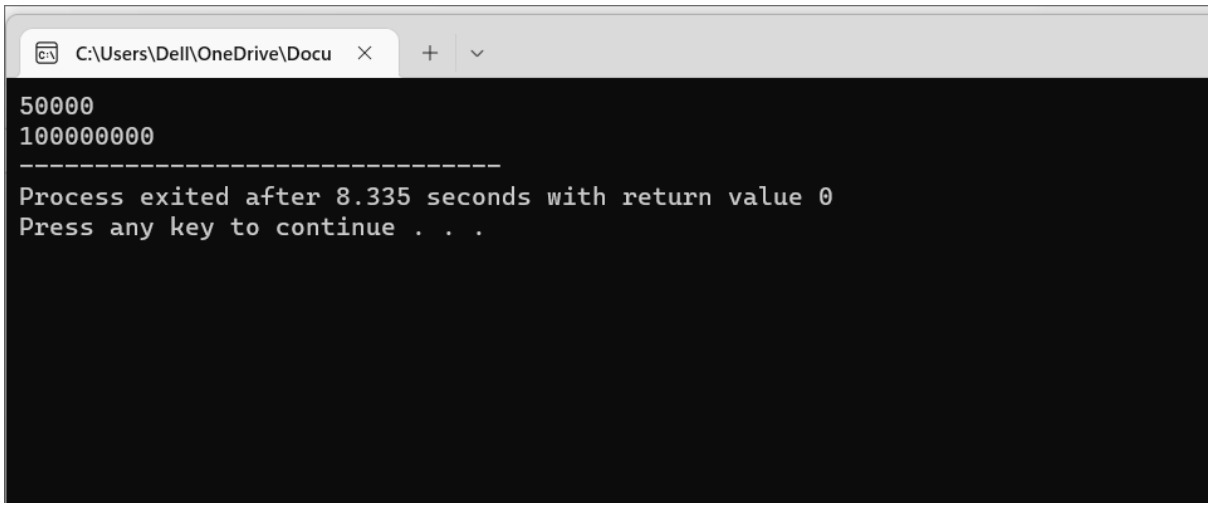
Task 11:

```
#include<iostream>

using namespace std;

int main()

{

        int pgoal1, pgoal2, agoal, goal ;

        cin>>pgoal1;

        cin>>pgoal2;

        cin>>agoal;

        goal=(pgoal1+pgoal2)+agoal;

        cout<<goal;


}
```



Task 12:

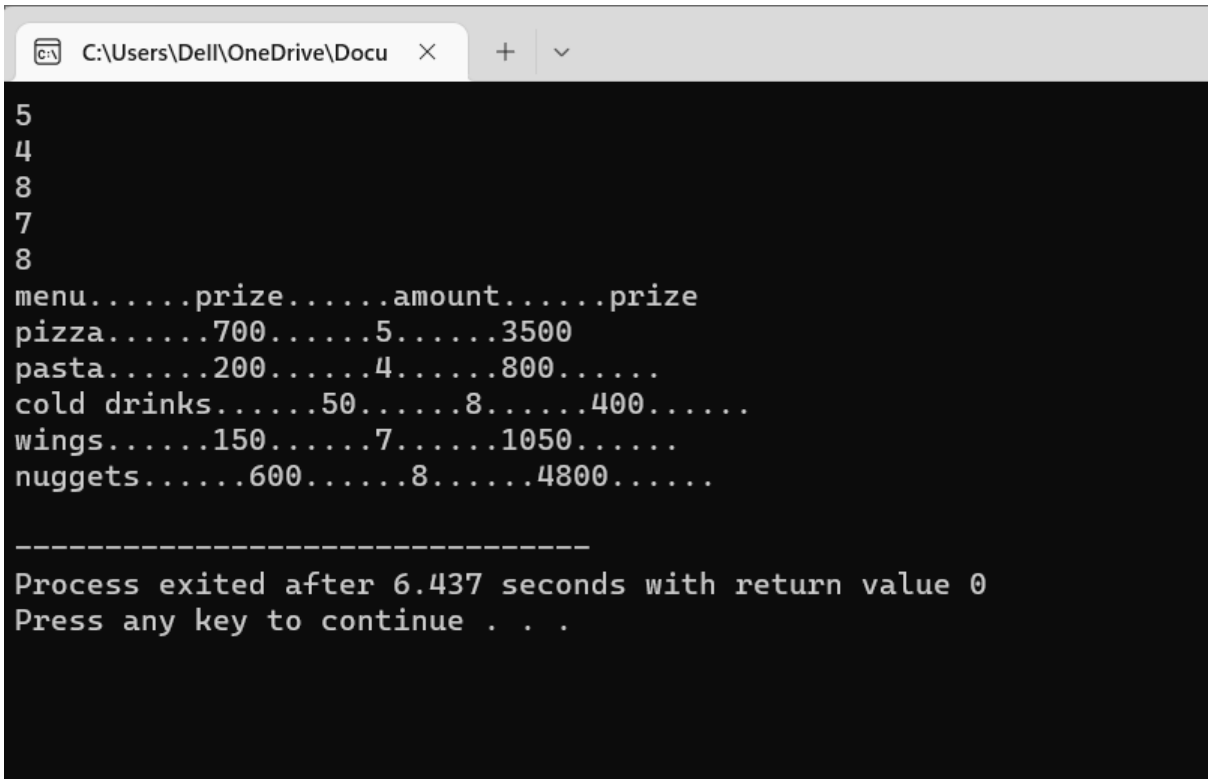
```
#include<iostream>

using namespace std;

int main()

{

	int amount, followers, follower;

	cin>>follower;

	followers=follower*.40;

	amount= followers*5000;

	cout<<amount;


}
```



Task 13:

```
#include<iostream>

using namespace std;

int main()

{

	int pizp=700, pasp=200, cdp=50, winp=150, nugp=600,
piza,pasa,cda,wina,nuga,tpiz,tpas,tcd,twin,tnug;

	cin>>piza>>pasa>>cda>>wina>>nuga;
```

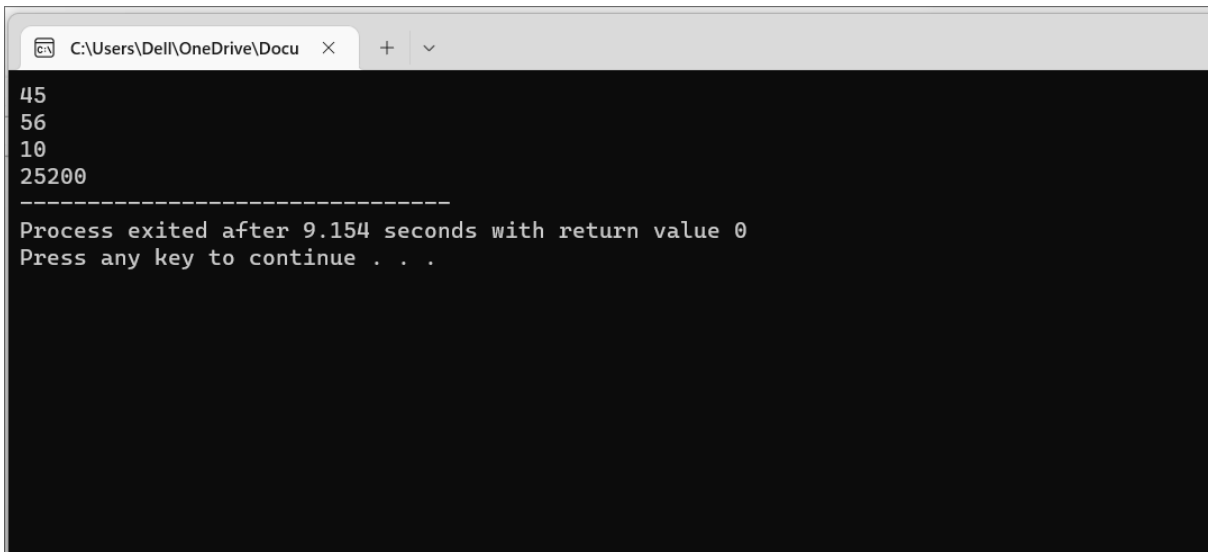
```
tpiz=pizp*piza;
tpas=pasp*pasa;
tcd=cdp*cda;
twin=winp*wina;
tnug=nugp*nuga;
cout<<"menu"<<"......prize"<<"......amount......"<<"prize"<<endl;
cout<<"pizza"<<"......"<<pizp<<"......"<<piza<<"......"<<tpiz<<endl;
cout<<"pasta"<<"......"<<pasp<<"......"<<pasa<<"......"<<tpas<<"......"<<endl;
cout<<"cold drinks"<<"......"<<cdp<<"......"<<cda<<"......"<<tcd<<"......"<<endl;
cout<<"wings"<<"......"<<winp<<"......"<<wina<<"......"<<twin<<"......"<<endl;
cout<<"nuggets"<<"......"<<nugp<<"......"<<nuga<<"......"<<tnug<<"......"<<endl;
}
```



Task 14:

```
#include<iostream>
using namespace std;
```

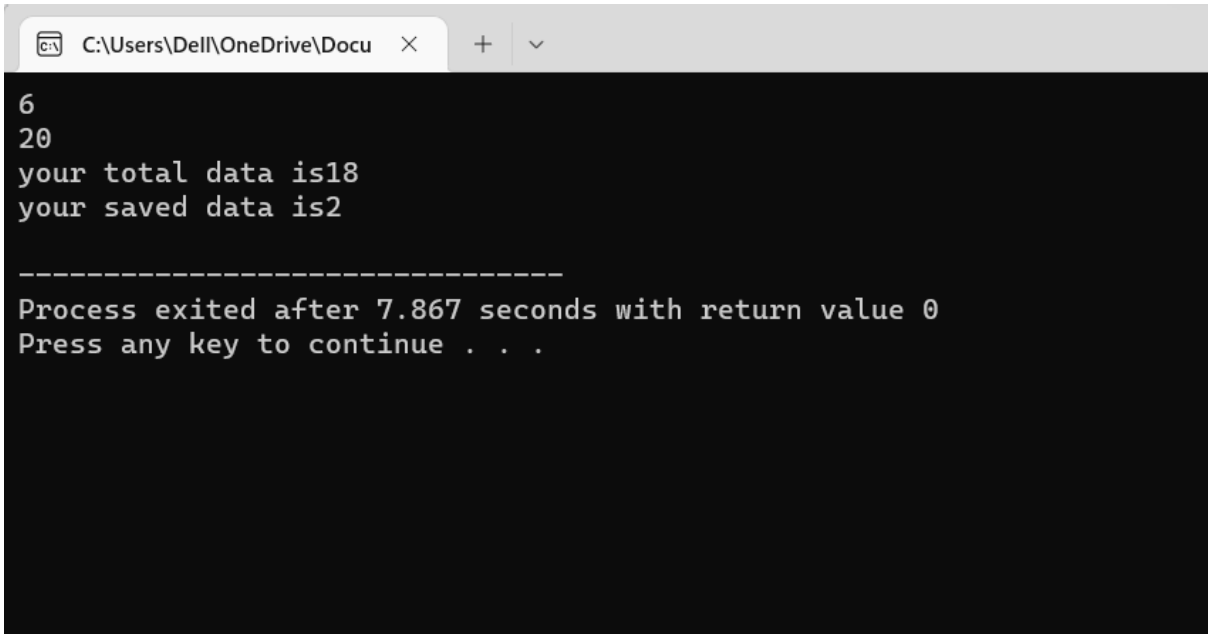
```
int main()
{
	int length, width, area, lands, tarea;
	cin>>length;
	cin>>width;
	cin>>lands;
	area=length*width;
	tarea=area*lands;
	cout<<tarea;

}
```



Task 15:

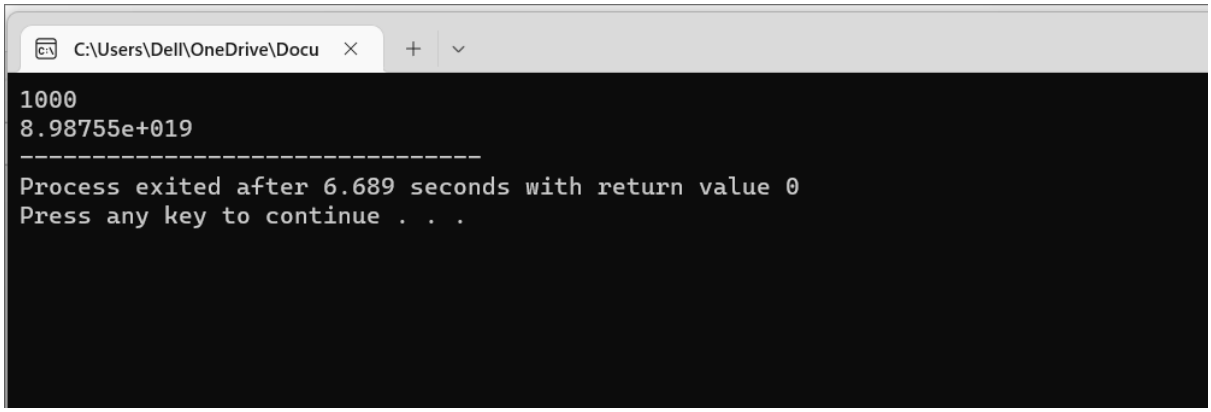
```
#include<iostream>
using namespace std;
int main()
{
	int total, save, each=3, num,data;
	cin>>num>>data;
	total=each*num;
	save=data-total;
```

```
    cout<<"your total data is"<<total<<endl;
    cout<<"your saved data is"<<save<<endl;

}
```



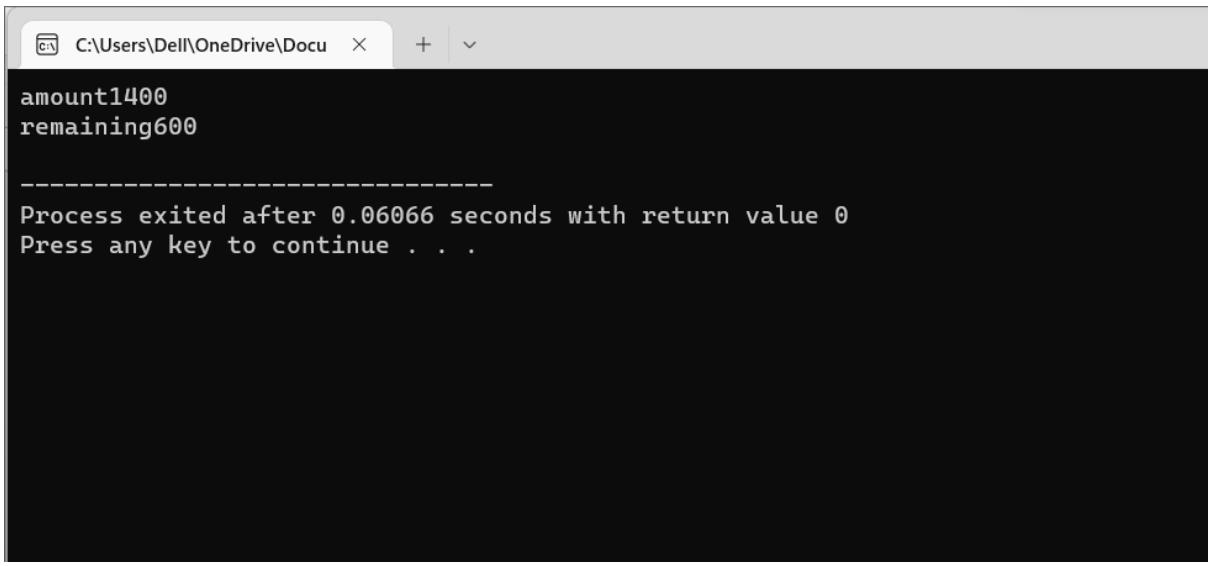
Task 16:

```
#include<iostream>
using namespace std;
int main()
{
    double energy, mass;
    cin>>mass;
    energy=mass*(299792458.0*299792458.0);
    cout<<energy;
    }
```



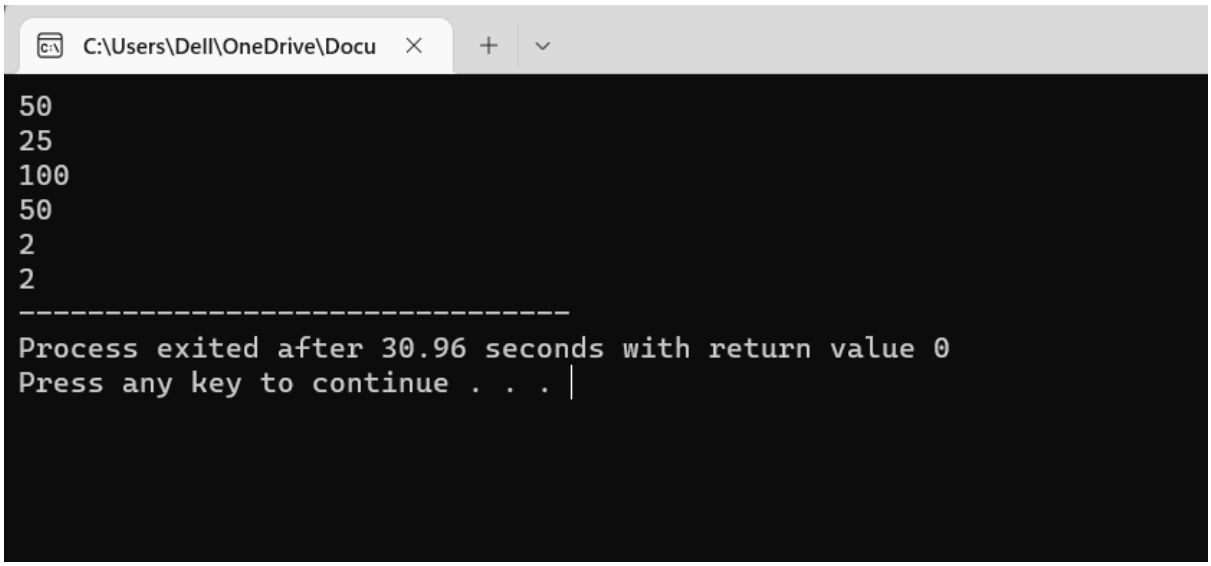
Task 17:

```
#include<iostream>

using namespace std;

int main()

{

	int ak, amount, remaining;

	amount=2000*.70;

	remaining=2000*.30;


	cout<<"amount"<<amount<<endl;


	cout<<"remaining"<<remaining<<endl;

}
```



Task 18:

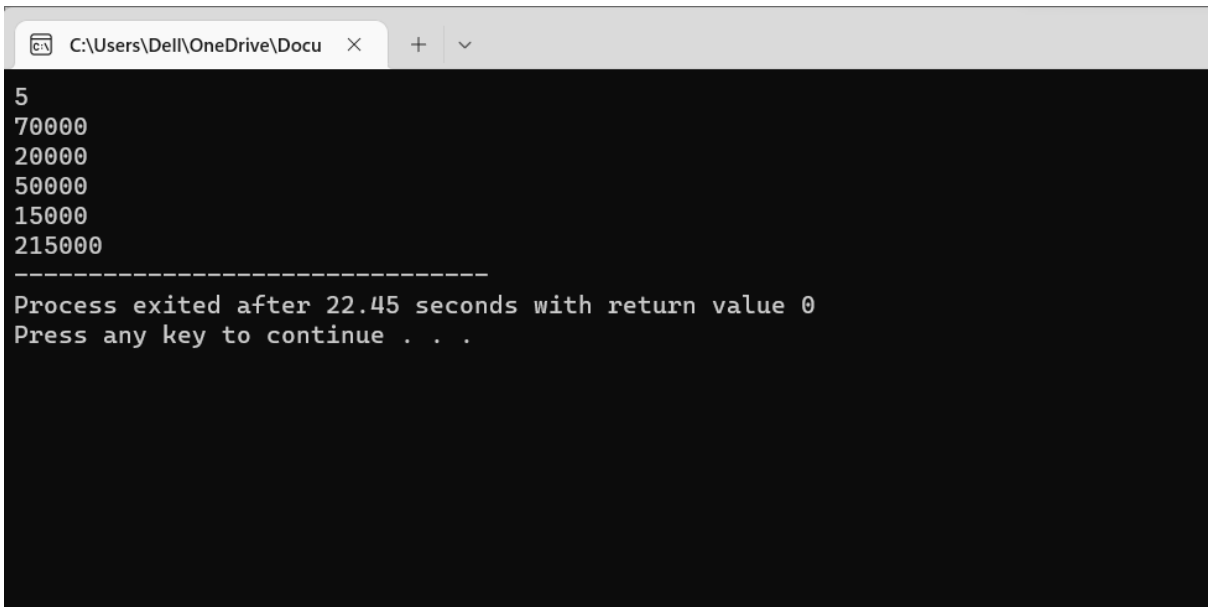
```
#include<iostream>

using namespace std;

int main()

{

	float distance, time, velocity, vi,vf,acceleration;

	cin>>distance>>time>>vf>>vi;

	velocity=distance/time;

	acceleration=(vf-vi)/time;

	cout<<velocity<<endl;

	cout<<acceleration;

}
```



Task 19:

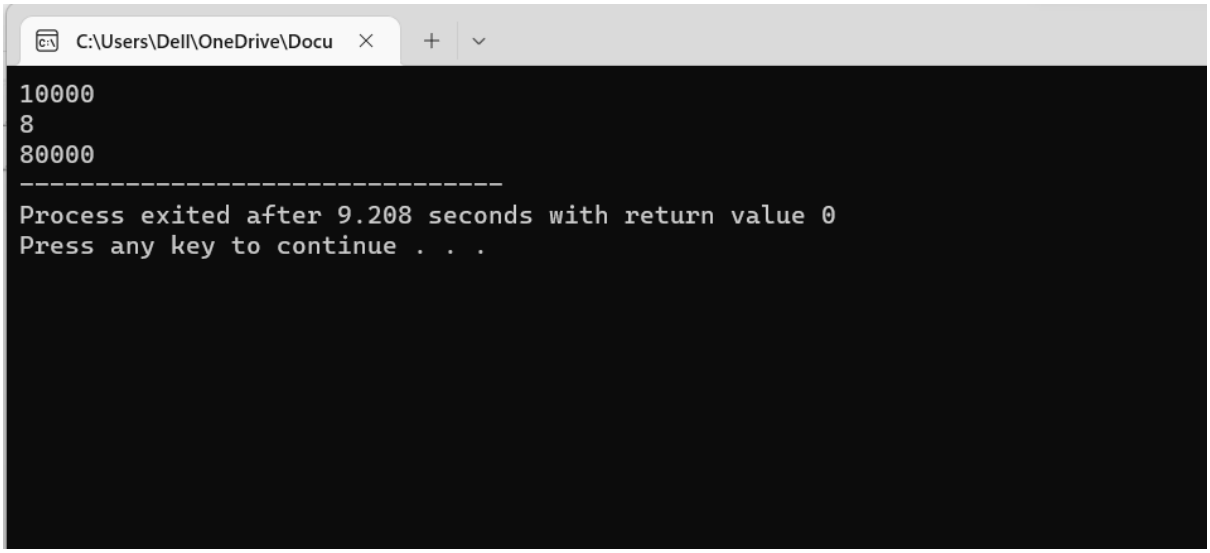
```
#include<iostream>

using namespace std;

int main()

{

	int ha,pt,ti,wash, twash, numwash,total;

	cin>>numwash>>ha>>pt>>ti>>wash;

	twash=wash*numwash;
```

```
    total=ha+pt+ti+twash;
    cout<<total;
}
```



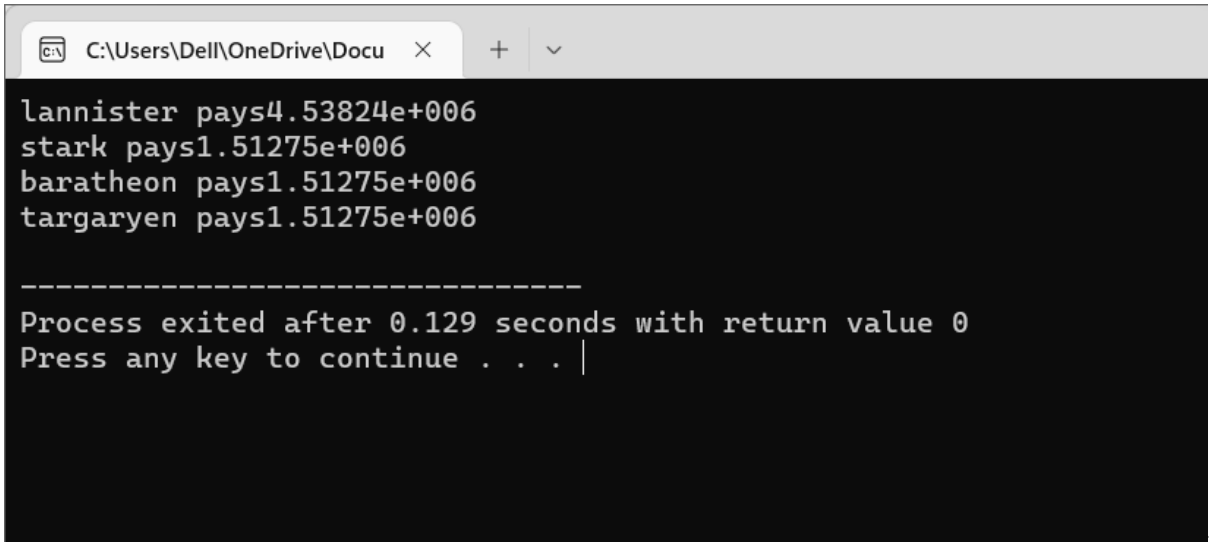
Task 20:

```
#include<iostream>
using namespace std;
int main()
{
    int songs,earning, totalcost;
    cin>>earning>>songs;
    totalcost=songs*earning;

    cout<<totalcost;
}
```



Task 21:

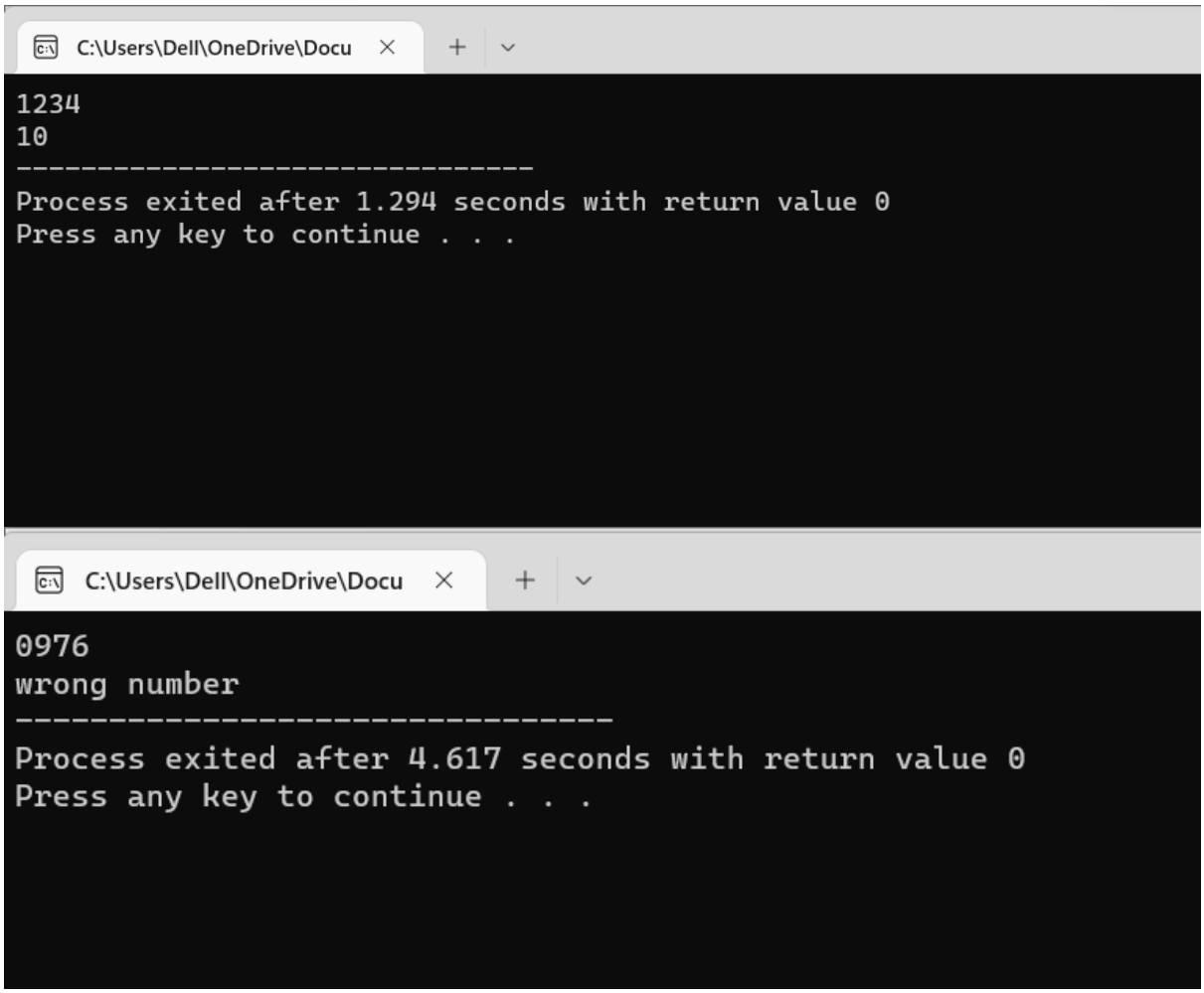
```
#include<iostream>

using namespace std;

int main()

{

	float lan, tar,bara,stark,total=9076489,remaining;

	lan=total*0.50;

	remaining=total*0.50;

	bara=remaining/3;

	tar=remaining/3;

	stark=remaining/3;

	cout<<"lannister pays"<<lan<<endl;

	cout<<"stark pays"<<stark<<endl;

	cout<<"baratheon pays"<<bara<<endl;

	cout<<"targaryen pays"<<tar<<endl;

}
```

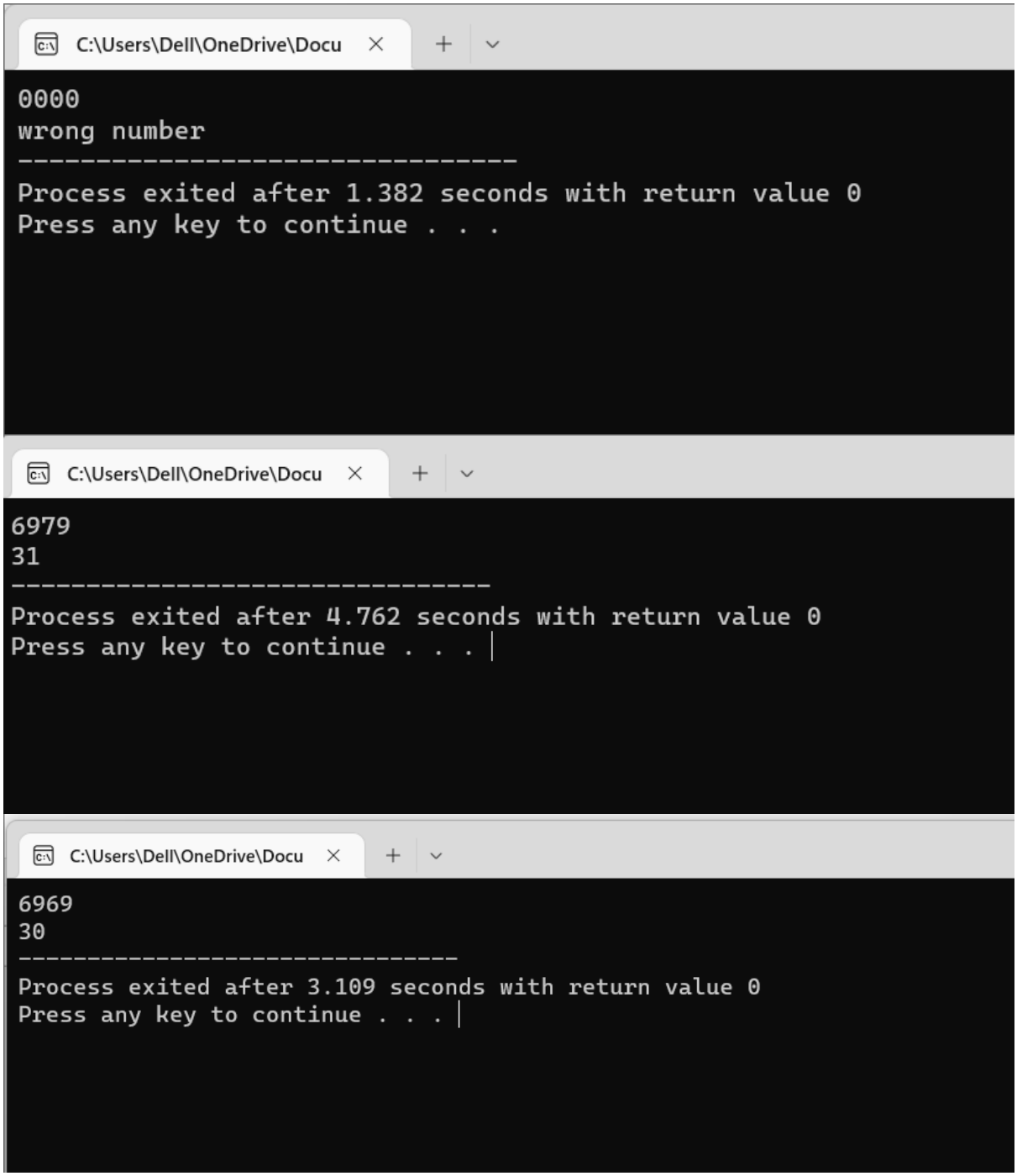


Task 22:

```
#include<iostream>
using namespace std;
int main()
{
	int temp,temp1,temp2,temp3, num, a,b,c,d,total,sum;
	cin>>num;
	if(num>999 && num<10000)
	{
		a=num%10;
		temp=num/10;
		b=temp%10;
		temp1=temp/10;
		c=temp1%10;
		temp2=temp1/10;
		d=temp2%10;
		temp3=temp2/10;
		sum=a+b+c+d;
		cout<<sum;
	}
```

```
        else if(num<1000 || num>10000)
        cout<<"wrong number";

}
```

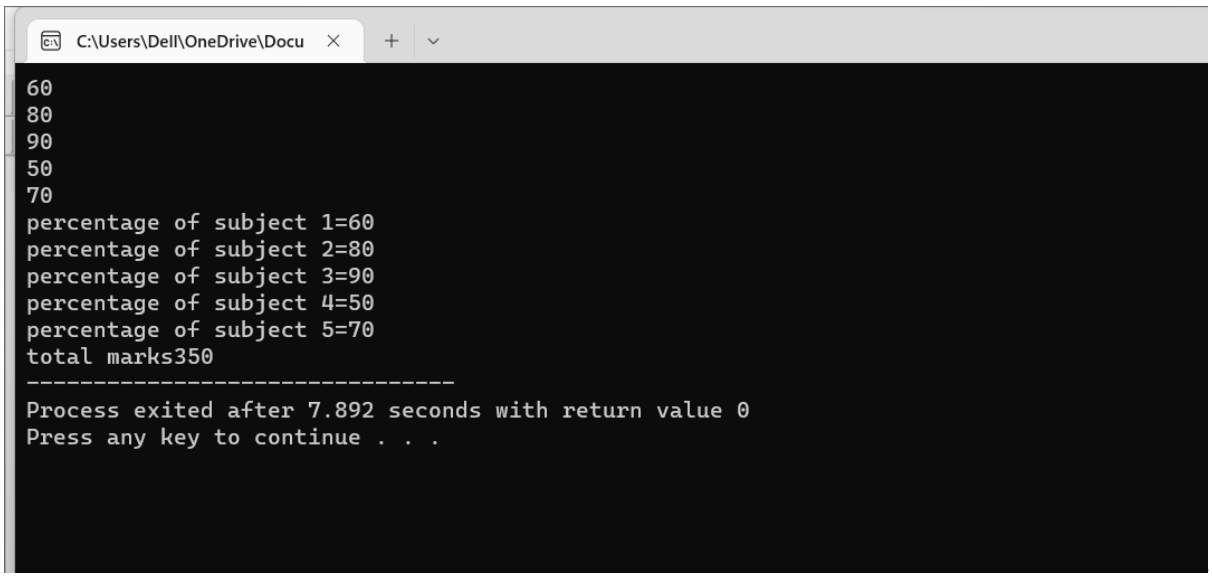




Task 23:

```
#include<iostream>

using namespace std;

int main()

{
```

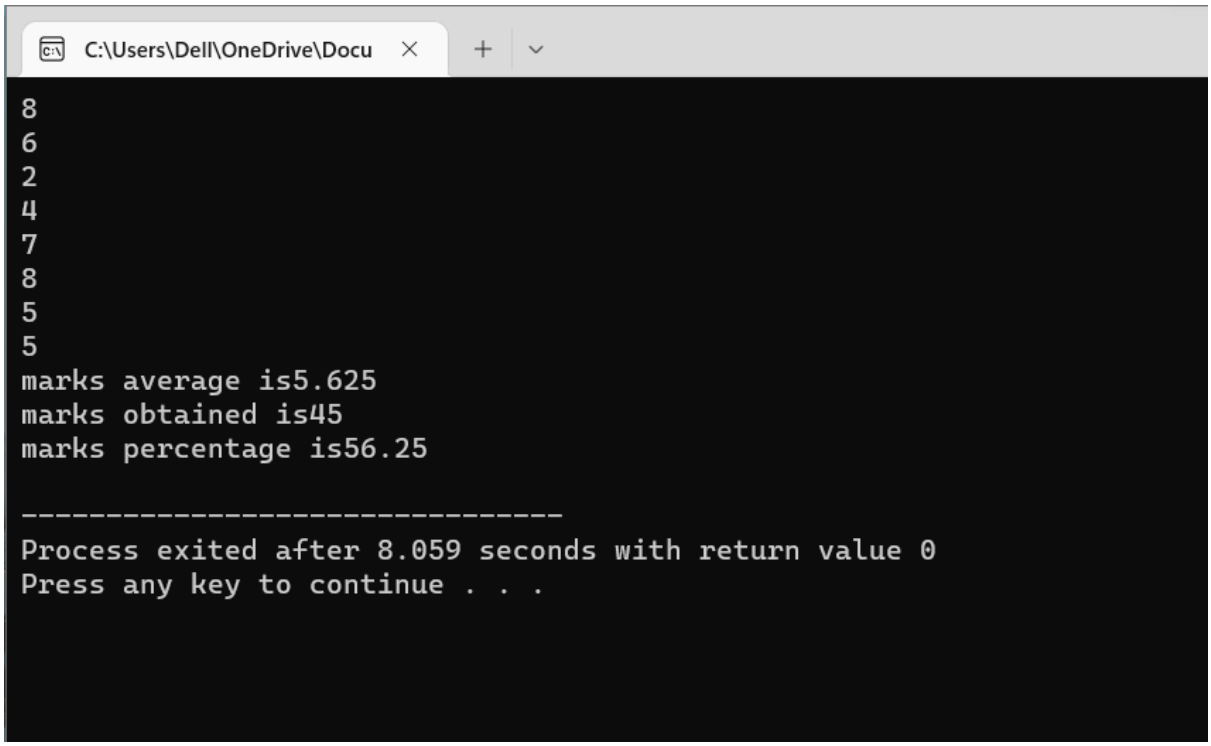
```
    float p1,p2,p3,p4,p5, m1,m2,m3,m4,m5,sum;
    cin>>m1>>m2>>m3>>m4>>m5;
    p1=(m1/100.0)*100;
    p2=(m2/100.0)*100;
    p3=(m3/100.0)*100;
    p4=(m4/100.0)*100;
    p5=(m5/100.0)*100;
    sum=m1+m2+m3+m4+m5;
    cout<<"percentage of subject 1="<<p1<<endl;
    cout<<"percentage of subject 2="<<p2<<endl;
    cout<<"percentage of subject 3="<<p3<<endl;
    cout<<"percentage of subject 4="<<p4<<endl;
    cout<<"percentage of subject 5="<<p5<<endl;
    cout<<"total marks"<<sum;
}
```



Task 24:

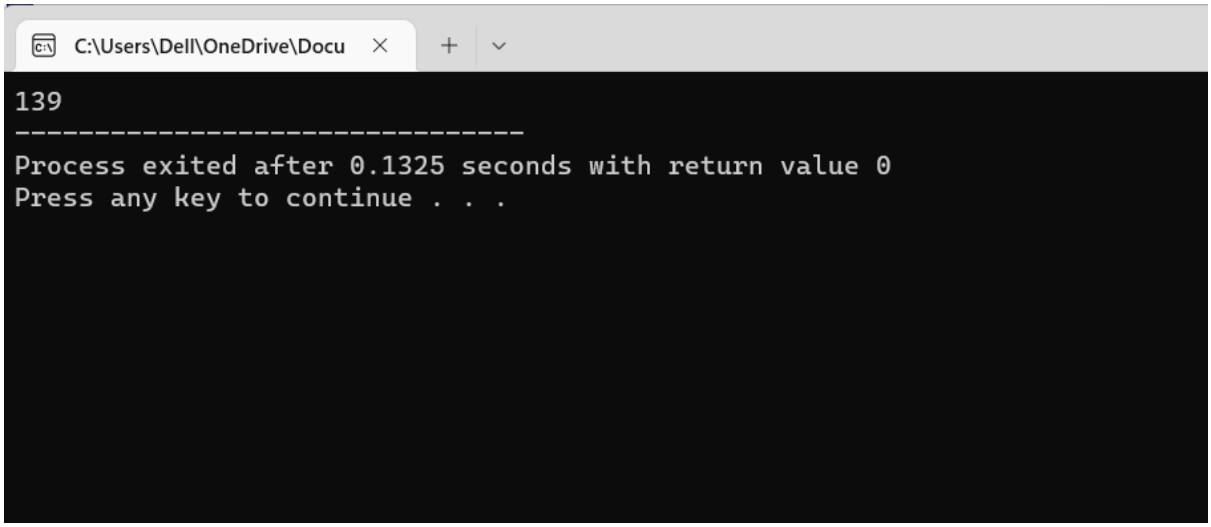
```
#include<iostream>
using namespace std;
int main()
{
    float m1,m2,m3,m4,m5,m6,m7,m8,avg,obtmarks,percentage;
```

```
    cin>>m1>>m2>>m3>>m4>>m5>>m6>>m7>>m8;
    avg=(m1+m2+m3+m4+m5+m6+m7+m8)/8;
    obtmarks=m1+m2+m3+m4+m5+m6+m7+m8;
    percentage=(obtmarks/80.0)*100.0;
    cout<<"marks average is"<<avg<<endl;
    cout<<"marks obtained is"<<obtmarks<<endl;
    cout<<"marks percentage is"<<percentage<<endl;
}
```



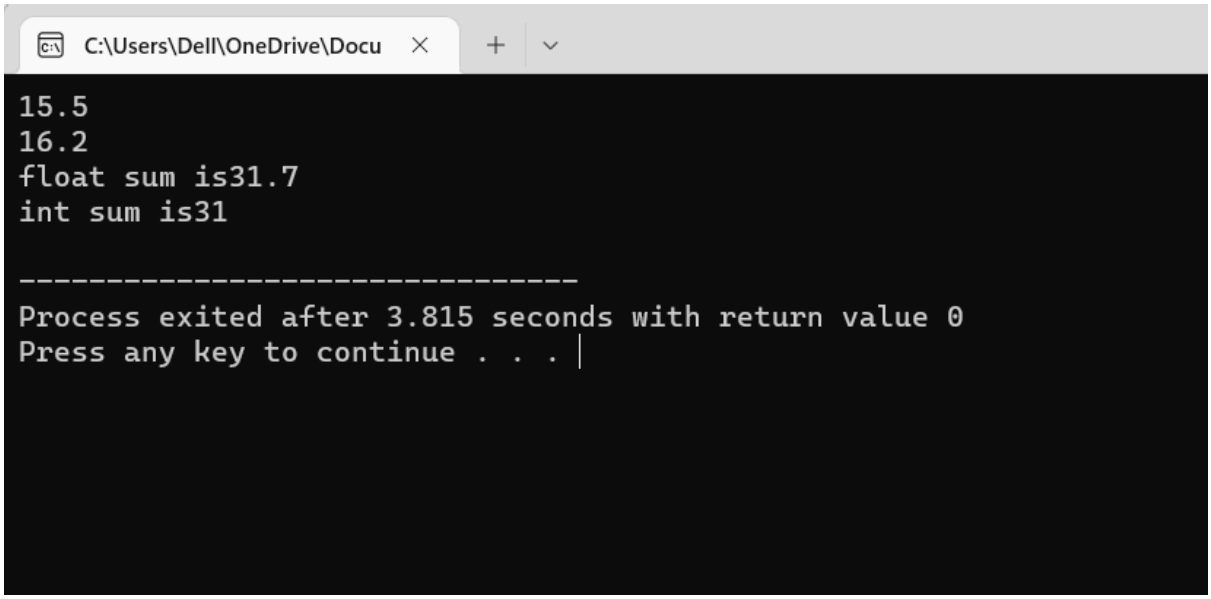
Task 25:

```
#include<iostream>
using namespace std;
int main()
{
    int stops=13, stopstime=3, time=100, total;
    total=(stops*stopstime)+time;
    cout<<total;

}
```



Task 26:

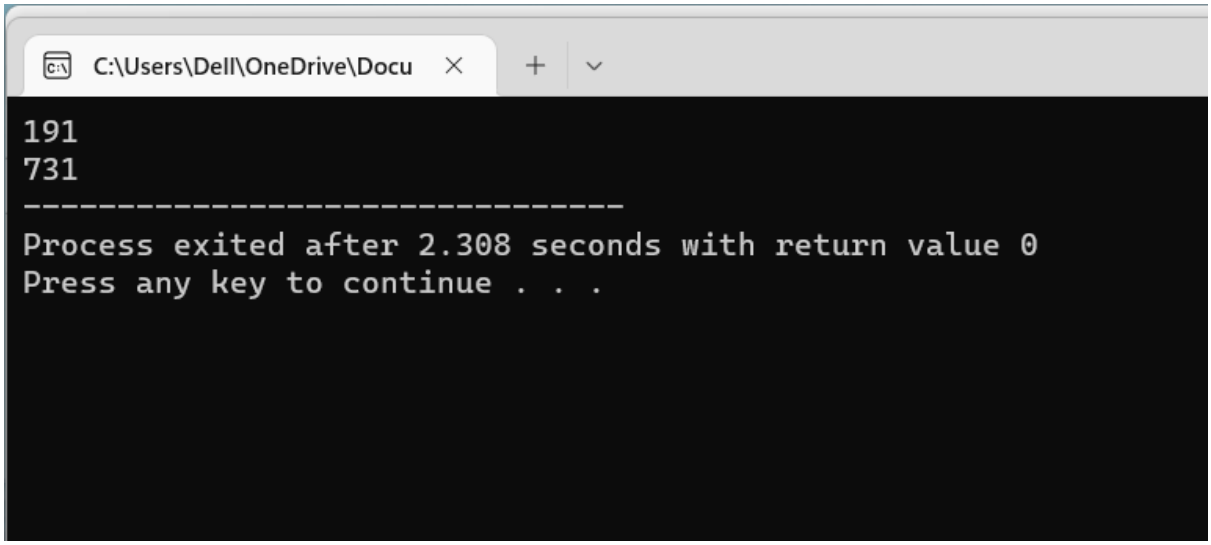
```
#include<iostream>

using namespace std;

int main()

{

	float a,b,sum;

	cin>>a>>b;

	sum=a+b;

	int sum1;

	sum1=a+b;

	cout<<"float sum is"<<sum<<endl;


	cout<<"int sum is"<<sum1<<endl;

}
```

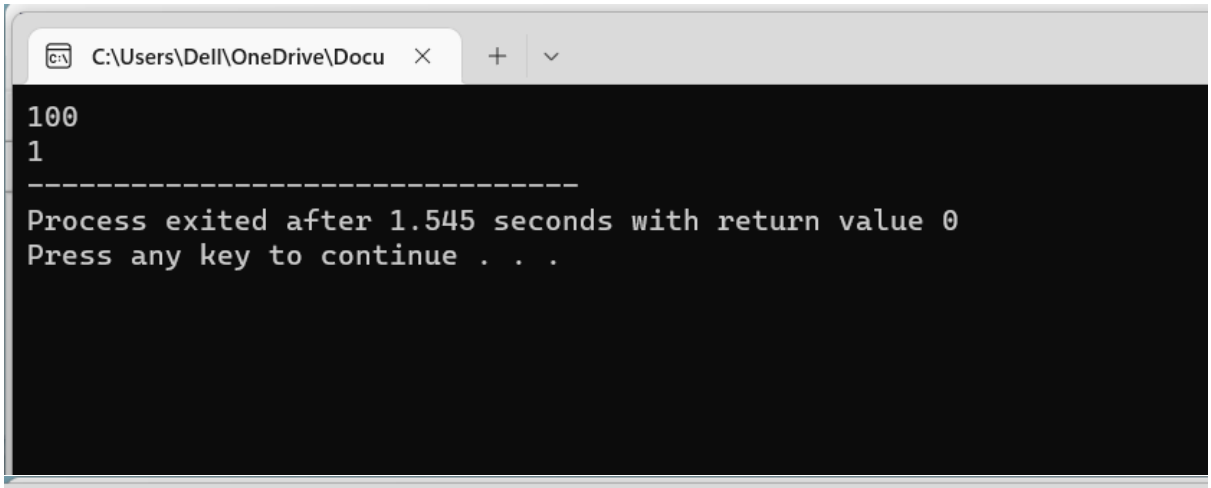


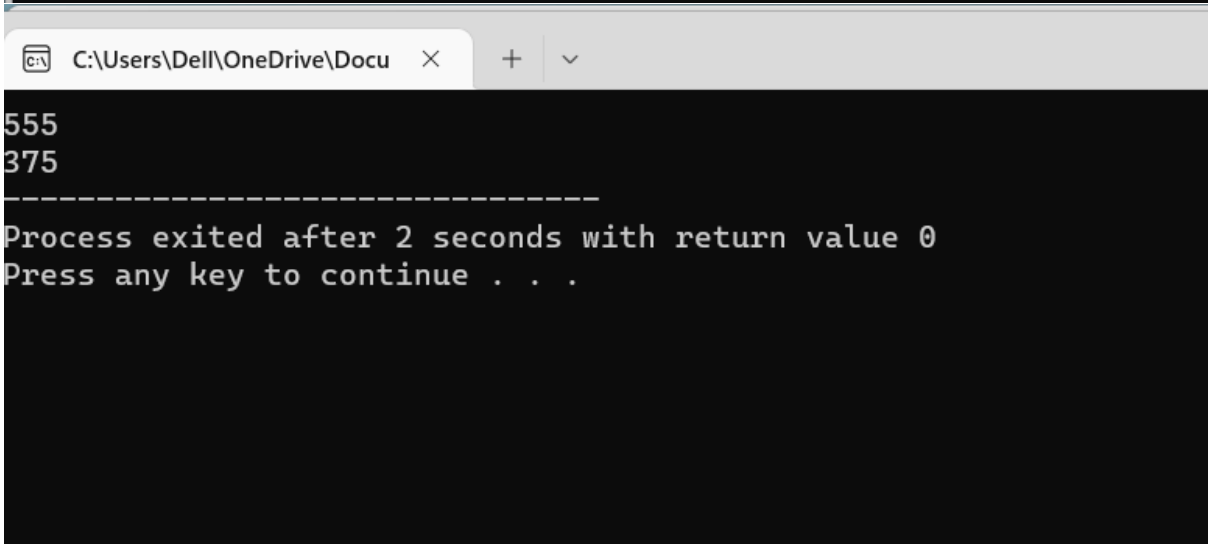
Task 27:

```
#include<iostream>
using namespace std;
int main()
{
	int temp,temp1,temp2, num, a,b,c,d,sum;
	cin>>num;
	if(num>99 && num<1000)
	{
		a=num%10;
		temp=num/10;
		b=temp%10;
		temp1=temp/10;
		c=temp1%10;
		temp2=temp1/10;
		sum=(a*a*a)+(b*b*b)+(c*c*c);
		cout<<sum;
	}
	else if (num<100||num>1000)
```

```
    cout<<"wrong number";
}
```

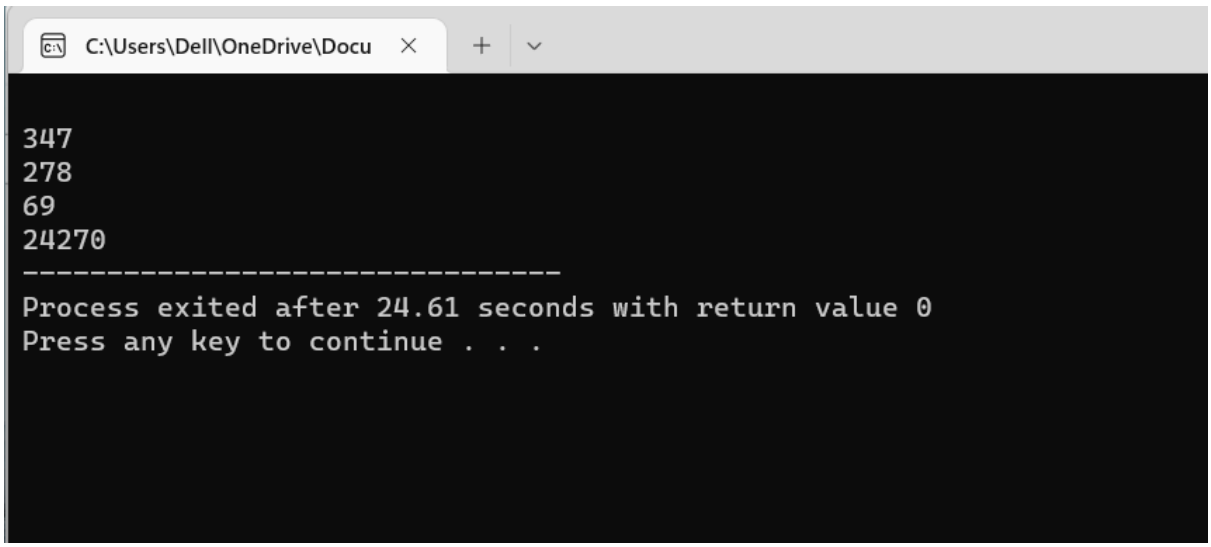






Task 28:

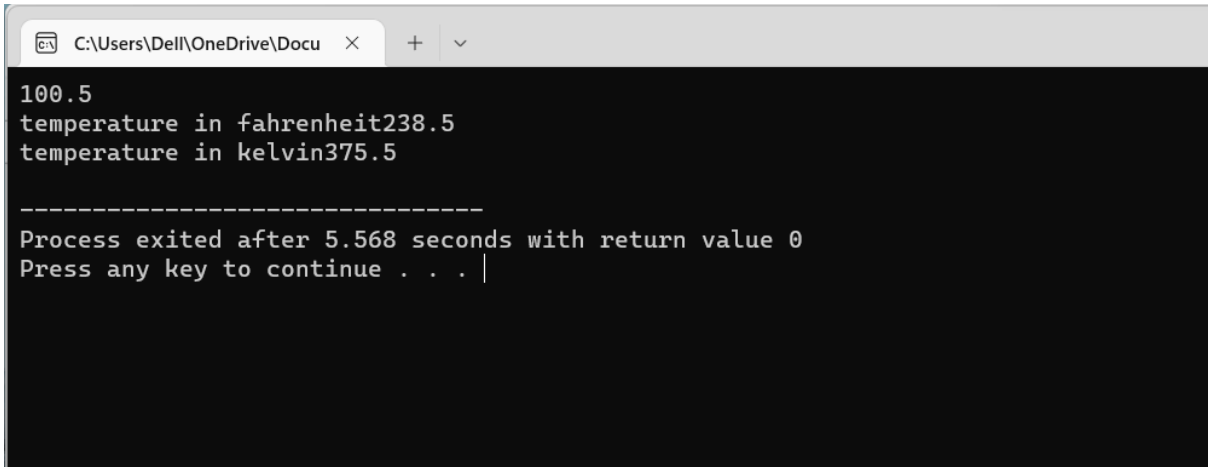
```
#include<iostream>
using namespace std;
int main()
{
	int smlp=10, medp=50, lap=100,spa,mpa,lpa,sum;
	cin>>spa;
	cin>>mpa;
	cin>>lpa;
	sum=(smlp*spa)+(medp*mpa)+(lap*lpa);
	cout<<sum;
}
```



Task 29:

```
#include<iostream>
using namespace std;
int main()
{
	float tempc,ftemp,ktemp;
```

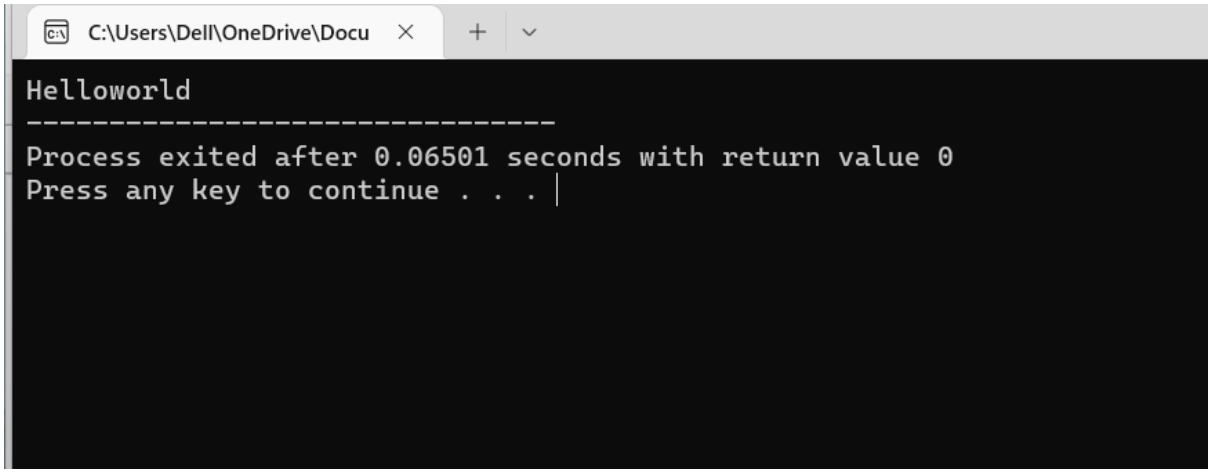
```
    cin>>tempc;
    ftemp=(9/5.0)*(tempc+32);
    ktemp=tempc+275;
    cout<<"temperature in fahrenheit"<<ftemp<<endl;
    cout<<"temperature in kelvin"<<ktemp<<endl;
}
```



Task 30:

```
#include<iostream>
using namespace std;
int main()
{
    char ch1='H',ch2='e',ch3='l',ch4='l',ch5='o',ch6='w',ch7='o',ch8='r',ch9='l',ch10='d';
    cout<<("%C\n",ch1);
    cout<<("%C\n",ch2);
    cout<<("%C\n",ch3);
    cout<<("%C\n",ch4);
    cout<<("%C\n",ch5);
    cout<<("%C\n","");
    cout<<("%C\n",ch6);
    cout<<("%C\n",ch7);
    cout<<("%C\n",ch8);
    cout<<("%C\n",ch9);
```

```
    cout<<("%C\n",ch10);
}
```



Task30:

```
#include<iostream>
using namespace std;
int main()
{
    char ch1='H',ch2='e',ch3='l',ch4='l',ch5='o',ch6='w',ch7='o',ch8='r',ch9='l',ch10='d';
    cout<<ch1<<ch2<<ch3<<ch4<<ch5<<""<<ch6<<ch7<<ch8<<ch9<<ch10;
}
```