

Chapter 2

SOLUTION OF EXERCISE

Ans.1:

```
#include<iostream.h>
#include<conio.h>
void main(void)
{
    float gal,cubic;
    clrscr();
    cout<<"Enter value in gallons"<<endl;
    cin>>gal;
    cubic=gal/7.481;
    cout<<"Cubic feet="<<cubic<<endl;
    getch();
}
```

Ans.2:

```
#include<iostream.h>
#include<conio.h>
void main(void)
{
    int x;
    clrscr();
    x=10;
    cout<<x<<endl;
    x*=2;
    cout<<x--<<endl;
    cout<<x<<endl;
    getch();
}
```

Ans.3:

```
#include<iostream.h>
#include<conio.h>
#include<iomanip.h>
void main (void)
{
    clrscr();
    cout<< "1990" << setw(8) << "135"<<endl;
    cout<< "1991" << setw(8) << "7290"<<endl;
    cout<< "1991" << setw(8) << "11300"<<endl;
    cout<< "1991" << setw(8) << "16200"<<endl;

    getch();
}
```

Ans.4:

```
#include<iostream.h>
#include<conio.h>
void main(void)
{
    clrscr();
    cout<<"Candy is dandy"<<endl;
    cout<<"But liquor is a quicker"<<endl;
    getch();
}
```

Ans.5:

```
#include<iostream.h>
#include<conio.h>
#include<ctype.h>
void main()
{
    char ch;
    clrscr();
    cout<<"enter a letter";
    ch=getche();
    cout<<islower(ch);
    getch();
}
```

Ans.6:

```
#include<iostream.h>
#include<conio.h>
void main(void)
{
    float x;
    clrscr();
    cout<<"Enter value in dollars"<<endl;
    cin>>x;
    cout<<endl<<"British Pound= "<<x/1.487<<endl<<endl;
    cout<<"German Deutschemark= "<<x/0.584<<endl<<endl;
    cout<<"Japenese Yen= "<<x/0.00955<<endl;
    getch();
}
```

Ans.7:

```
#include<iostream.h>
#include<conio.h>
void main(void)
{
    float f;
    clrscr();
    cout<<"Enter temperature in fahrenheit "<<endl;
    cin>>f;
    cout<<endl<<"Celsius "<<((f*(9/5))+32)<<endl<<endl;
    getch();
}
```

Ans.8:

```
#include<iostream.h>
#include<conio.h>
#include<iomanip.h>

main( )
{
    clrscr( );
    Float a = 2425785;
    cout<< setw(12)<<"Portcity"<<setw(12)<<setfill(4)<<a;
    getch( );
}
```

Ans.9:

```
#include<iostream.h>
#include<conio.h>
void main (void)
{
    int a,b,c,d,sum;
    char x;
    clrscr();
    cout<<"enter first fraction"<<endl;
    cin>>a>>x>>b;
    cout<<"enter second fraction"<<endl;
    cin>>c>>x>>d;
    sum=(a*d)+(b*c);
    cout<<"sum="<<sum<<x<<(b*d)<<endl;
    getch();
}
```

Ans.10:

```
#include<iostream.h>
#include<conio.h>
void main (void)
{
    float pound,shilling,pence,total;
    clrscr();
    cout<<"Enter Pounds"<<endl;
    cin>>pound;
    cout<<"Enter Shillings"<<endl;
    cin>>shilling;
    cout<<"Enter Pence"<<endl;
    cin>>pence;
    total=pound+(shilling*(12/100))+(pence/100);
    cout<<"Decimal Pound= "<<total<<endl;
    getch();
}
```

Ans.11:

```

#include<iostream.h>
#include<conio.h>
#include<iomanip.h>
void main(void)
{
    clrscr();
    cout<<setw(15)<<setiosflags(ios::left)<<"Last name"<<setw(15)<<"First name"<<setw(25)<<"Street
address"<<setw(15)<<"Town"<<setw(15)<<"State"<<endl;
    cout<<"-----"<<endl;
    cout<<setw(9)<<setiosflags(ios::right)<<"Johnes"<<setw(14)<<"Berbard"<<setw(19)<<"109 Pine
Lane"<<setw(20)<<"Littletown"<<setw(12)<<"MI"<<endl;
    cout<<setw(10)<<setiosflags(ios::right)<<"O Brian"<<setw(14)<<"Coleen"<<setw(20)<<"42 E, 99th
Ave"<<setw(18)<<"Bigcity"<<setw(12)<<"NY"<<endl;
    cout<<setw(7)<<setiosflags(ios::right)<<"Wong"<<setw(13)<<"Harry"<<setw(23)<<"121.A Albama
St."<<setw(19)<<"Lakoville"<<setw(12)<<"IL"<<endl;
    getch();
}

```

Ans.12:

```

#include<iostream.h>
#include<conio.h>
void main()
{
    float in;
    int pound, shilling, pence, r_pence;
    clrscr();
    cout<<"input pounds :";
    cin>>in;
    pound=in;
    r_pence=in*100-pound*100;
    shilling=r_pence/12;
    pence=r_pence-shilling*12;
    cout<<"pound ="<<pound<<endl;
    cout<<"remaining pence ="<<r_pence<<endl;
    cout<<"shilling ="<<shilling<<endl;
    cout<<"pence ="<<pence<<endl;
    cout<<"$"<<pound<< "."<<shilling<< "."<<pence;
    getch();
}

```