Q1.

#include <stdio.h>

void main() {

char c='w';

int a=125,b=12345,z,q,t;

float x=2.13459,y,w,p;

double dx=1.1415927;

short s=4043;

long ax=1234567890,r,u;

unsigned long ux=2541567890,m;

z=a+c;

y=x+c;

w=dx+x;

p=a+x;

q=s+b;

r=ax+b;

t=s+c;

u=ax+c;

m=ax+ux;

printf("a+c=%d\n",z);

printf("x+c=%f\n",y);

printf("dx+x=%f\n",w);

printf("a+x=%f\n",p);

printf("s+b=%d\n",q);

printf("ax+b=%ld\n",r);

printf("s+c=%d\n",t);

printf("ax+c=%ld\n",u);

printf("ax+ux=%ld\n",m);

}

Q2.

#include <stdio.h>

void main() {

int n,y,y1,m,w,d;

printf("Enter the value of n:");

scanf("%d",&n);

y=n/365;

y1=n%365;

w=y1/7;

d=n-((y\*365)+(w\*7));

printf("%dyear",y);

printf(" %dweek",w);

printf(" %d day",d);

}

Q3.

Q4.

Q5.

#include <stdio.h>

void main() {

float c,f;

printf("Enter temperature in celsius:");

scanf("%f",&c);

f=(c\*9/5)+32;

printf("Temperature in fahrenheit:%f",f);

}

Q6.

#include <stdio.h>

void main() {

int min,hour,m;

printf("Enter total minutes:");

scanf("%d",&min);

hour=min/60;

m=min-(hour\*60);

printf("The total number of %dhours and %dmin",hour,m);

}

Q7.

#include <stdio.h>

void main() {

float h,w,peri;

printf("Enter height of the rectangle:");

scanf("%f",&h);

printf("Enter width of the rectangle:");

scanf("%f",&w);

peri=2\*(h+w);

printf("The perimeter of the Rectangle:%f",peri);

}

Q.8

#include <stdio.h>

void main() {

int a,b,c,d,e,p=4,q=6,z=0;

printf("Enter the value for a:");

scanf("%d",&a);

printf("Enter the value for b:");

scanf("%d",&b);

c=a+b;

d=a/b;

e=a%b;

if(p>=q)

printf("p>=q\n");

else

printf("p>=!q\n");

if(z!=0)

printf("z is not equal to 0\n");

else

printf("z is equal to 0\n");

printf("Res of + (a+b) operators:%d\n",c);

printf("Res of / (a/b) operators:%d\n",d);

printf("Res of % (a%b) operators:%d",e);

}

Q9.