

QUESTION 1

```
include <stdio.h>
```

```
int main ()
```

```
{
```

```
int a = 125, b = 12345,e,h,i;
```

```
long ax = 1234567890,j,k,l,m;
```

```
short s = 4043;
```

```
float x = 2.13459,f;
```

```
double dx = 1.1415927,g;
```

```
char c = 'W';
```

```
unsigned long ux = 2541567890;
```

```
e=a+c;
```

```
printf("a+c=%d",&e);
```

```
f=x+c;
```

```
printf("\nx+c=%f",&f);
```

```
g=dx+x;
```

```
printf("\ndx+x=%lf",&g);
```

```
h=a+x;
```

```
printf("\na+x=%d",&h);
```

```
i=s + b;
```

```
printf("\ns+b=%d",&i);
```

```
j=ax + b;
```

```
printf("\nax + b=%ld",&j);
```

```
k=s + c;
```

```
printf("\ns + c=%ld",&k);
```

```
l= ax + c;
```

```
printf("\nax+c=%ld",&l);
```

```
m= ax + ux;
```

```
printf("\nax + ux=%ld",&m);  
}
```

QUESTION 2

```
#include<stdio.h>  
  
int main ()  
{  
    int days, yrs, wks;  
    printf ("enter days ");  
    scanf ("%d", &x);  
    yrs= x/365;  
    weeks =(x%365)/7  
    x = x-((yrs*365) +(wks*7));  
    printf ("years %d", yrs);  
    printf ("weeks %d", wks);  
    printf ("days %d", x);  
    return 0;  
}
```

QUESTION 3

```
#include<stdio.h>  
  
int main()  
{  
    float a,b,x,m,n;  
    printf("Enter first item's weight:");  
    scanf("%f", &a);  
    printf("enter no purchase");  
    scanf ("%f",&m);  
    printf ("Enter second item weight");  
    scanf ("%f", &b);  
    printf ("enter no purchase");  
    scanf ("%f",&n);  
    x=(a*m)+(b*n)/2;  
    printf ("the average value of the items %f", x);
```

```
return 0;
}
```

QUESTION 4

```
#include <stdio.h>

int main()
{
    enum wk{Sun=1, Mon=2, Tue=3, Wed=4, Thu=5, Fri=6, Sat=7};
    printf("Sun = %d", Sun);
    printf("\nMon = %d", Mon);
    printf("\nTue = %d", Tue);
    printf("\nWed = %d", Wed);
    printf("\nThu = %d", Thu);
    printf("\nFri = %d", Fri);
    printf("\nSat = %d", Sat);
    return 0;
}
```

QUESTION 5

```
#include <stdio.h>

int main()
{
    float cel, f;
    printf("Enter temperature in Celsius: ");
    scanf("%f", &cel);
```

```

    f = (cel*9 / 5) + 32;
    printf("%f Celsius = %f Fahrenheit", cel,f);
    return 0;
}

```

QUESTION 6

```

include<stdio.h>
int main()
{
    int minute,hr,min;
    printf("\n\n\tEnter minutes = ");
    scanf("%d",&minute);
    hr=minute/60;
    min=minute%60;
    printf("\nnumof hours is = %d hours\n and no of minute is = %d minutes",hr,min);
    return 0;
}

```

QUESTION 7

```

#include<stdio.h>
int main()
{
    float w, le, Pe;

    printf ("Enter the Width of the Rectangle : ");
    scanf ("%f",&w);
    printf ("Enter the Length of a Rectangle : ");
    scanf ("%f",&le);
    Perimeter = 2 * (length + width);
}

```

```
        printf("\n Perimeter of the Rectangle is = %f", Pe);  
        return 0;  
    }
```

QUESTION 8

```
#include <stdio.h>  
  
int main()  
{  
    int a = 9,b = 4, c;  
    c = a+b;  
    printf("a+b = %d \n",c);  
    c = a/b;  
    printf("a/b = %d \n",c);  
    c %= a;  
    printf("c = %d\n", c);  
    printf("%d >= %d is %d \n", a, b, a >= b);  
    c = a != b;  
    printf("a != b is %d \n",c);  
}
```

QUESTION 9

```
#include <stdio.h>  
  
int main()  
{  
    int a = 9,b = 4, c;  
    c=a&b;  
    printf("Output = %d", c);  
    c=a|b;
```

```
printf("\nOutput = %d", c);
printf("\nb<<1 = %d\n", b<<1);
c = (a == b) || (c < b);
printf("\n(a == b) || (c < b) is %d \n",c);
c = (a < b) ? a : b;
printf("\n%d", c);
}
```

QUESTION 10

```
#include <stdio.h>
int main(){
    int a;
    float b;
    double c;
    char d;
    printf("Size of int: %d bytes\n",sizeof(a));
    printf("Size of float: %d bytes\n",sizeof(b));
    printf("Size of double: %d bytes\n",sizeof(c));
    printf("Size of char: %d byte\n",sizeof(d));
    return 0;
}
```