

```
1: #include<stdio.h>
2: //Check Amstrong no. by function type-4//
3: int amstrong(int);
4: void main()
5: {
6:     int a,num;
7:     printf("Enter a no. here : ");
8:     scanf("%d", &num);
9:
10:    a=amstrong(num);
11:    if(a==1)
12:        printf(" is an Armstrong number.");
13:    else
14:        printf(" is not an Armstrong number.");
15:
16:
17: }
18: int amstrong(int num)
19: {
20:     int onum, remainder, result = 0;
21:
22:     int n=0;
23:     // no. of digit//
24:
25:     for(onum=num; onum!=0; n++)
26:     {
27:         onum=onum/10;
28:     }
29:
30:     //reduce no.//
31:
```

```
32:         for(onum=num; onum!=0; onum=onum/10)
33:         {
34:             remainder = onum % 10;
35:             result =result+pow(remainder,
n);
36:
37:         }
38:
39:         //print with if esle//
40:         if (result == num)
41:         {
42:             printf("%d",num);
43:             return 1;
44:         }
45:         else
46:         {
47:             printf("%d",num);
48:             return 0;
49:         }
50:     }
51:
```

```
1: #include <stdio.h>
2: //for Armstrong no. range questions by
   function type-4 //
3: int range_armstrong(int);
4: void main()
5: {
6:     int num,a,lower,upper;
7:     printf("Enter Lower and Upper limit
   Here:");
8:     scanf("%d %d",&lower,&upper);
9:
10:    for(num=lower;num<=upper;num++)
11:    {
12:
13:        a=range_armstrong(num);
14:        if(a==num)
15:            printf("%d ", num);
16:
17:    }
18: }
19: int range_armstrong(int num)
20: {
21:
22:     int onum, remainder, result = 0;
23:     int n;
24:     result=0;n=0;
25:
26:     // no. of digit//
27:     for(onum=num;onum!=0;n++)
28:     {
29:         onum=onum/10;
```

```
30:         }
31:
32:         //reduce no.//
33:
34:     //for Loop//
35:     for(onum=num; onum!=0; onum=onum/10)
36:     {
37:         remainder = onum % 10;
38:         //result =result + remainder *
remainder * remainder;
39:
40:         result =result+ pow(remainder,
n);
41:
42:     }
43:
44:
45:     //printf("%d is an Armstrong number.",
result);
46:     // if (result == num)
47:     return result;
48:     // else
49:     //return 0;
50:
51: }
52:
```

```
1: #include <stdio.h>
2:
3: // Area & Perimeter of circle and Rectangle
   Function type 4//
4: float circlearea(float);
5: float circleperimeter(float);
6: float rectanglearea(float,float);
7: float rectangleperimeter(float,float);
8: void main()
9: {   float a,B,c,d;
10:     float r,l,b;
11:
12:     printf("\nPlease Enter Radius Value in
   meters Here:\n");
13:     scanf("%f",&r);
14:     a=circlearea(r);
15:     printf("Area of Circle is %.2fsqm\n",a);
16:
17:     printf("\nPlease Enter Radius Value again
   in meters Here for Perimeter of Circle:\n");
18:     scanf("%f",&r);
19:     B=circleperimeter(r);
20:     printf("Perimeter of Circle is %.2fm\n",
   B);
21:
22:     printf("Please Enter Length and Breath
   value here Value in meters Here:\n");
23:     scanf("%f %f",&l,&b);
24:     c=rectanglearea(l,b);
25:     printf("Area of REctangle is %.2fsqm\n",
   c);
```

```

26:
27:     printf("Please Enter Length and Breath
value Again here Value in meters Here For
Perimeter of Rectangle:\n");
28:     scanf("%f %f",&l,&b);
29:     d=rectangleperimeter(l,b);
30:     printf("Perimeter of Rectangle is
%.2fm\n",d);
31:
32: }
33: float circlearea(float r)
34: {
35:     float Area;
36:
37:     //main formula//
38:
39:     Area=3.142*r*r;        //area...
40:     printf("\nThe Given Radius is=%.2fm\n",
r);
41:     return Area;
42: }
43: float circleperimeter(float r)
44: {
45:     float Perimeter;
46:
47:     //main formula//
48:     Perimeter=2*3.142*r;
//perimeter..
49:
50:     printf("\nThe Given Radius is=%.2fm\n",
r);

```

```
51:     return Perimeter;
52: }
53:
54: float rectanglearea(float l,float b)
55: {
56:
57:     float Area;
58:
59:     //main formula//
60:     Area=l*b;           //area...
61:     return Area;
62: }
63:
64: float rectangleperimeter(float l,float b)
65: {
66:
67:     float Perimeter;
68:
69:     //main formula//
70:     Perimeter=2*(l+b);    //perimeter..
71:     return Perimeter;
72: }
73:
```

```
1: #include <stdio.h>
2:
3: //Check even or odd Function type 4 //
4: int evenodd(int);
5: void main()
6: {
7:     int a,n;
8:     printf("Please Enter No. Here ");
9:     scanf("%d",&n);
10:    a=evenodd(n);
11:    if(a==1)
12:        printf("                And\n The Given no. is
Even\n");
13:    else
14:        printf("                And\n The Given no. is
odd");
15:
16: }
17:
18: int evenodd(int n)
19: {
20:     printf("Hey Your Entered NO. is:%d\n",n);
21:
22:     if (n%2==0)
23:     {
24:         return 1;
25:     }
26:     else
27:     {
28:         return 0;
```



29: }

30: }

```
1: #include <stdio.h>
2:
3: //.....Fibonacci by function type
4: 4.....//
5:
6: int fibonacci(int,int);
7: void main()
8: {
9:     int n;
10:    printf("Enter the number of terms You  
want in Series: ");
11:    scanf("%d",&n);
12:
13:    int i;
14:    int t1 = 0, t2 = 1;
15:    int nextTerm;
16:    nextTerm = t1 + t2;
17:    printf("Fibonacci Series: %d %d ", t1,  
t2);
18:
19:    for(i=3;i<=n;i++)
20:    {
21:        printf("%d ", nextTerm);
22:        t1 = t2;
23:        t2 = nextTerm;
24:        nextTerm =fibonacci(t1,t2);
25:
26:
27:    }
```

```
28: }
29: int fibonacci(int t1,int t2)
30: {
31:     int c;
32:     c=t1+t2;
33:     return c;
34: }
35:
```

```
1: #include<stdio.h>
2:
3: //with loop by function type-4//
4:
5: int last_firstsum(int);
6: void main()
7: {
8:     int n,a;
9:     a=last_firstsum(n);
10:    printf("Sum of First and Last digit
is:%d",a);
11:
12: }
13: int last_firstsum(int n)
14: {
15:
16:     int r,sum;
17:     printf("Enter Your Number Here:");
18:     scanf("%d",&n);
19:     r=n%10;
20:     while(n>10)
21:     {
22:         n=n/10;
23:
24:     }
25:     printf("First digit is:%d\n",n);
26:     printf("Last digit is:%d\n",r);
27:
28:     sum=r+n;
29:     return sum;
30: }
```

```
1: #include <stdio.h>
2:
3: // greatest of three no. by Function type 4
//
4: int Greatestnum(int,int,int);
5: void main()
6: {
7:     int a;
8:     int n1,n2,n3;
9:     printf("Hey...Please Enter Integer
Below\n");
10:    printf("\nPlease Enter first no. here ");
11:    scanf("%d",&n1);
12:
13:    printf("Please Enter Second no. here ");
14:    scanf("%d",&n2);
15:
16:    printf("Please Enter Third no. here ");
17:    scanf("%d",&n3);
18:
19:    a=Greatestnum(n1,n2,n3);
20:    printf("The greatest no. is %d",a);
21:
22: }
23: int Greatestnum(int n1,int n2,int n3)
24: {
25:
26:     if(n1>n2)
27:     {
28:
29:         if (n1>n3)
```

```
30:         return n1;
31:     else
32:         return n3;
33:
34:     }
35:
36:     else
37:     {
38:
39:         if(n2>n3)
40:             return n2;
41:         else
42:             return n3;
43:     }
44: }
```

```
1:
2:
3: #include <stdio.h>
4:
5: // Menu:merge program Function type 4//
6: int evenodd(int);
7: int totalsalary(int);
8: int choose_operator(int,int);
9:
10: void main()
11: {
12:     int a,b,c,ch,num,n,n1,n2;
13:     printf("\n ....Hey This is our
Menu!...\n ");
14:     printf("\n 1.Even Odd ");
15:     printf("\n 2.Total Salary ");
16:     printf("\n 3.Asking Two Number &
Operator");
17:     printf("\nPlease enter your choice
here:");
18:     scanf("%d",&ch);
19:
20:
21:     if(ch==1)
22:     {
23:         printf("Please Enter No. Here: ");
24:         scanf("%d",&num);
25:         a=evenodd(num);
26:         if(a==1)
27:             printf("                And\n The Given no.
is Even\n");
```

```
28:         else
29:             printf("                And\n The Given no.
is odd\n");
30:
31:     }
32:     if(ch==2)
33:     {
34:         printf("\nPlease Enter Your Salary
here: ");
35:         scanf("%d",&n);
36:         b=totalsalary(n);
37:         printf("%d",b);
38:
39:     }
40:     if(ch==3)
41:     {
42:         printf("Please Enter first no. here:
");
43:         scanf("%d",&n1);
44:
45:         printf("Please Enter Second no. here:
");
46:         scanf("%d",&n2);
47:
48:         c=choose_operator(n1,n2);
49:         printf("Your outcome is:%d",c);
50:
51:     }
52: }
53:
54:
```



```
55: //Even odd//
56: int evenodd(int num)
57: {
58:     //int num;
59:
60:
61:     printf("Hey Your Entered NO.
is:%d\n",num);
62:     if (num%2==0)
63:     {
64:         return 1;
65:     }
66:     else
67:     {
68:         return 0;
69:     }
70: }
71: //salary //
72: int totalsalary(int n)
73: {
74:     int t1,tm;
75:
76:     //Main formula//
77:
78:     t1=n+n*0.1+n*0.2+n*0.25;
79:     // Less than 5000
tm=n+n*0.15+n*0.25+n*0.3;
80:     // more than 5000
81:     printf("Hey Your Entered basic
Salary is:%d\n",n);
```

```
82:
83:         if (n<=5000)
84:         {
85:             printf("Your Total salary
is= ");
86:             return t1;
87:         }
88:         else
89:         {
90:             printf("Your Total salary
is= ");
91:             return tm;
92:
93:         }
94: }
95:
96: // two no. and operator//
97: int choose_operator(int n1,int n2)
98: {
99:     int sum,sub,mul,mod,div;
100:
101:     char hi;
102:
103:     /*printf("\n 1.  addition ");
104:     printf("\n 2.  subtraction ");
105:     printf("\n 3.  multiplication ");
106:     printf("\n 4.  division");
107:     printf("\n 5.  Modulus ");*/
108:
109:     fflush(stdin);
110:     printf("Please Enter operator
here: ");
```

```
111:         scanf("%c",&hi);
112:
113:         if(hi=='+')
114:         {
115:             sum = n1+n2;
116:             return sum;
117:         }
118:
119:         else if(hi=='-')
120:         {
121:             sub = n1-n2;
122:             return sub;
123:         }
124:         else if(hi=='*')
125:         {
126:             mul = n1*n2;
127:             return mul;
128:         }
129:         else if(hi=='%')
130:         {
131:             mod = n1%n2;
132:             return mod;
133:         }
134:         else if(hi=='/')
135:         {
136:             div = n1/n2;
137:             return div;
138:         }
139:     }
140:
141:
```

142:

143:

144:

145:

146:

147:

148:

```
1: #include <stdio.h>
2: // one digit to word function type 4//
3: int num_word(int);
4: void main()
5: {
6:     int a,n;
7:     printf ("Enter one digit or two digit
number Here....!\n");
8:     scanf ("%d",&n);
9:     a=num_word(n);
10: }
11: int num_word(int n)
12: {
13:     int q,r;
14:
15:     printf ("Your Conversion is ....!\n");
16:
17:     r=n%10;
18:     q=n/10;
19:
20:     if (n>10 && n<20)
21:     {
22:
23:         if (r==1)
24:             printf ("eleven\n");
25:         else if (r==2)
26:             printf ("Twelve\n");
27:         else if (r==3)
28:             printf ("Thirteen\n");
29:         else if (r==4)
30:             printf ("fourteen\n");
```

```
31:         else if (r==5)
32:             printf ("fifteen\n");
33:         else if (r==6)
34:             printf ("Sixteen\n");
35:         else if (r==7)
36:             printf ("Seventeen\n");
37:         else if (r==8)
38:             printf ("Eighteen\n");
39:         else if (r==9)
40:             printf ("Nineteen\n");
41:     }
42:
43:     else {
44:
45:         if (q==1)
46:             printf ("Ten\n");
47:         else if (q==2)
48:             printf ("twenty");
49:         else if (q==3)
50:             printf ("Thirty");
51:         else if (q==4)
52:             printf ("fourty");
53:         else if (q==5)
54:             printf ("fifty");
55:         else if (q==6)
56:             printf ("Sixty");
57:         else if (q==7)
58:             printf ("Seventy");
59:         else if (q==8)
60:             printf ("Eighty");
61:         else if (q==9)
```

```
62:         printf ("Ninety");
63:
64:
65:         if (r==1)
66:             printf ("One\n");
67:         else if (r==2)
68:             printf ("Two\n");
69:         else if (r==3)
70:             printf ("Three\n");
71:         else if (r==4)
72:             printf ("four\n");
73:         else if (r==5)
74:             printf ("five\n");
75:         else if (r==6)
76:             printf ("Six\n");
77:         else if (r==7)
78:             printf ("Seven\n");
79:         else if (r==8)
80:             printf ("Eight\n");
81:         else if (r==9)
82:             printf ("Nine\n");
83:
84:         else
85:             printf ("Invalid Input");
86:
87:     }
88: }
89:
90:
91:
92:
```

93:  
94:  
95:  
96:  
97:



```
1: #include<stdio.h>
2: // only check palindrome or not by function
   type 4//
3: int palindrome(int);
4: void main()
5: {
6:     int a,n;
7:     printf("Enter no. Here to Check
   Palindrome or not ");
8:     scanf("%d",&n);
9:     a=palindrome(n);
10:    if(a==1)
11:        printf("Hey Your Entered Number is
   Palindrome");
12:    else
13:        printf("Hey Your Entered Number is Not
   Palindrome");
14: }
15:
16: int palindrome(int n)
17: {
18:
19:     int r,reverse=0,i;
20:
21:     //for Loop//
22:     for(i=n;n>0;n=n/10)
23:     {
24:         r=n%10;
25:         reverse=reverse*10+r;
26:
27:     }
```

```
28:
29:     return(i==reverse)?1: 0;
30: }
31:
```

```
1: #include<stdio.h>
2:
3: //just check no. is perfect or not by
   Function type 4//
4: int perfect(int);
5: void main()
6: {
7:     int n,a;
8:     printf("Enter the number You want to
   Check: ");
9:     scanf("%d", &n);
10:    a=perfect(n);
11:    if(a==1)
12:        printf(" is a Perfect Number");
13:    else
14:        printf(" is Not a Perfect Number");
15:
16:
17: }
18: int perfect(int n)
19: {
20:
21:
22:     int i,sum=0;
23:
24:     //for Loop//
25:     for(i=1;i<n;i++)
26:     {
27:         if(n%i==0)
28:         {
29:             sum=sum+i;
```

```
30:         }
31:     }
32:     if(sum==n)
33:     {
34:         printf("\n%d",n);
35:         return 1;
36:     }
37:     else
38:     {
39:         printf("\n%d",n);
40:         return 0;
41:     }
42: }
43:
44:
```

```
1: #include <stdio.h>
2: //perfect no. range ask for both range
   function type 4//
3: int perfect_range(int);
4: void main()
5: {
6:     int a,i,low,end;
7:     printf("Enter upper and Lower limit: ");
8:     scanf("%d %d", &low ,&end);
9:     printf("All Perfect numbers between % to
   %d:\n",low, end);
10:
11:     for(i=low; i<=end; i++)
12:     {
13:         a=perfect_range(i);
14:         if(a==i)
15:             printf(" %d\t",i);
16:     }
17:
18: }
19: int perfect_range(int i)
20: {
21:
22:     int j,sum;
23:
24:
25:
26:     // range Loop//
27:
28:     sum = 0;
29:
```

```
30:  //condition//
31:
32:      for(j=1; j<i; j++)
33:      {
34:          if(i % j == 0)
35:          {
36:              sum += j;
37:          }
38:      }
39:
40:      if(sum == i)
41:      {
42:          return i;
43:      }
44:
45:
46:  }
47:
```

```
1: #include <stdio.h>
2:
3: // From Discount find Price using Function
   type 4 //
4: float Discountprice(float);
5: void main()
6: {
7:     float a,price;
8:
9:     printf("Please Enter Price here: \n");
10:    scanf("%f",&price);
11:
12:    a=Discountprice(price);
13:    printf("Payable amount after Discount is
   %.2f\n",a);
14:
15: }
16: float Discountprice(float price)
17: {
18:
19:     float total,dis;
20:
21:
22:     if (price<=500)
23:     {
24:
25:         printf("Hey..Discount on item is
   5%%. \n");
26:         dis=price*0.05;
27:     }
28:     else if(500<price && price <=1000)
```

```
29:         {
30:             printf("Hey..Discount on item is
10%%. \n");
31:             dis=price*0.1;
32:         }
33:         else if(1000<price)
34:         {
35:             printf("Hey..Discount on item is
15%%. \n");
36:             dis=price*0.2;
37:         }
38:
39:
40:         total=price-dis;
41:         printf("Your Price of Item was %.2f
\n",price);
42:         printf("Discount on item is %.2f%%\n",
dis);
43:         return total;
44:     }
45:
46:
```



```
1: #include<stdio.h>
2: // prime no.range by function -4 //
3: int range_prime(int,int);
4: void main()
5:
6: {
7:     int a,low,high;
8:     printf("Enter two numbers intervals: ");
9:     scanf("%d %d", &low, &high);
10:    printf("Your Prime numbers btw %d to %d
are:\n",low,high);
11:
12:    for(low=2;low<high;low++)
13:    {
14:
15:        a=range_prime(low,high);
16:        if(a==1)
17:            printf("\t%d",low);
18:    }
19: }
20: int range_prime(int low,int high)
21: {
22:
23:     int i, count=0;
24:
25:     // range aLot
26:
27:
28:     //for Loop//
29:
30:
```

```
31:
32:     count = 0;
33:
34:     for (i = 2; i <= low / 2; ++i)
35:     {
36:
37:         if (low % i == 0)
38:         {
39:             count = 1;
40:             break;
41:         }
42:     }
43:
44:
45:     if (count == 0)
46:         return 1;
47: }
48:
49:
50:
51:
```

```
1: #include<stdio.h>
2: //Check Strong number by Function type-4//
3: int strong(int);
4: void main()
5: {
6:     int a,n;
7:     printf("Enter a Number u want to Check
8: here:");
9:     scanf("%d",&n);
10:    a=strong(n);
11:    if(a==1)
12:        printf("The Above number is a Strong
13: Number");
14:    else
15:        printf("The Above number is not a Strong
16: Number");
17: }
18: int strong(int n)
19: {
20:     int i=1,r,sum=0,fact,temp;
21:
22:
23: //for Loop//
24: //range Loop//
25:     for(temp=n;n;n=n/10)
26:     {
27:
28:         fact=1;
```

```
29:         r=n%10;
30:         //condition
31:         for(i=1;i<=r;i++)
32:         {
33:             fact=fact*i;
34:         }
35:         sum=sum+fact;
36:     }
37:     //by ternary//
38:
39:     return(sum==temp && temp!=0)?1:0;
40:
41:
42: }
43:
```

```
1: #include<stdio.h>
2: // strong no range function type 4//
3:
4: int strong_range(int);
5: void main()
6:
7: {
8:     int n1,a,k,low,high;
9:     printf("Enter a lower and upper limit u
want to Check here:");
10:     scanf("%d %d",&low,&high);
11:     printf("Hey Your Strong Numbers btw your
limits are:");
12:     for(k=low;k<=high;k++)
13:     {
14:
15:         a=strong_range(k);
16:         if(a==k)
17:             printf("%d\t",k);
18:
19:     }
20:
21: }
22: int strong_range(int k)
23: {
24:
25:     int n,i=1,r,sum=0,fact=1,n1;
26:
27:
28: //for Loop//
29: //range Loop//
```

```
30:     n1=k;
31:     sum=0;
32:
33:     for(n=k;n;n=n/10)
34:     {
35:         fact=1;
36:         r=n%10;
37:         //condition for factorial
38:         for(i=1;i<=r;i++)
39:         {
40:             fact=fact*i;
41:         }
42:         sum=sum+fact;
43:     }
44:
45:     if(sum==k)
46:     return sum;
47: }
48:
49:
```

```
1: #include<stdio.h>
2: //Student and discount by Function type 4//
3: int Student_Discount(int);
4: void main()
5: {
6:     int a,price,s;
7:     printf("Hey enter the price here\n");
8:     scanf("%d",&price);
9:
10:    a=Student_Discount(price);
11:    printf("Payable Price is=%d\n",a);
12:
13: }
14: int Student_Discount(int price)
15: {
16:     char s;
17:     fflush(stdin);
18:     printf("hey r u student!\n.... Type y for
yes and n for no...\n ");
19:     scanf("%c",&s);
20:
21:     int dis,final;
22:     if(s=='y')
23:     {
24:         if(price>500)
25:         {
26:             dis=price*0.2;
27:             final=price-dis;
28:             printf("Hey Your Discount
is:20%5%\n");
29:             return final;
```

```
30:         }
31:     else
32:     {
33:         dis=price*0.1;
34:         final=price-dis;
35:         printf("Hey your Discount is:10%%\n
36: ");
37:         return final;
38:     }
39: }
40:
41:
42:     if(s=='n')
43:     {
44:
45:         if (price>600)
46:
47:         {
48:             dis=price*0.15;
49:             final=price-dis;
50:             printf("Hey Your Discount
51: is:15%%\n");
52:             return final;
53:         }
54:         else
55:
56:         {
57:             printf("Sorry! NO discount\n");
58:             return price;
```



```
59: }
```

```
60:
```

```
61: }
```

```
62: }
```

```
1: #include <stdio.h>
2:
3: //Sum of digit and its reverse using sum
  Function type 4//
4: int sum(int);
5: int reverse(int);
6: void main()
7: {
8:     int a,b,n;
9:     printf("Please Enter Three digit No.
  Here: ");
10:    scanf("%d",&n);
11:    a=sum(n);
12:    printf("The sum of The Above digits
  is=%d\n",a);
13:
14:    b=reverse(n);
15:    printf("The reverse of enter Digits
  is=%d\n",b);
16:
17: }
18: int sum(int n)
19: {
20: int r,q,q1,r1,sum;
21:
22:
23:     //main formula//eg..241 ;
24:
25:     r=n%10;//1
26:     q=n/10;//24
27:     q1=q/10;//2
```

```
28:     r1=q%10;//4
29:
30:     sum=q1+r1+r;
31:     printf("The Given Three digit no.
is=%d\n",n);
32:     return sum;
33: }
34: int reverse(int n)
35: {
36:     int r,q,q1,r1,sum, reverse;
37:
38:
39:     //main formula//eg..241 ;
40:
41:     r=n%10;//1
42:     q=n/10;//24
43:     q1=q/10;//2
44:     r1=q%10;//4
45:
46:     reverse = r*100+(r1*10)+q1;//100+40+2=142
47:
48:     printf("\nThe Given Three digit no.
is=%d\n",n);
49:     return reverse;
50: }
51:
```

```
1: #include <stdio.h>
2:
3: //Cases temperature conversion Function type
4:
5: float conversion(float,t, char ch);
6: void main()
7: {
8:     float a,t;
9:     char ch;
10:    printf("Choose for before u enter
11:    Temperature\n");
12:    printf("Enter 1:To convert in
13:    Fahrenheit");
14:    printf("\nEnter 2:To convert in
15:    Kelvin\n");
16:    scanf("%c",&ch);
17:    printf("Enter the temperature here:");
18:    scanf("%f",&t);
19:    a=conversion(t,ch);
20:    printf("%.2fF",a);
21: }
22: //Ask from user choice //
23: float conversion(float t, char ch)
24: {
25:     float f,k;
26:     //char ch;
27:     //main formula  $9c=(f-32)5$ 
28:     if(ch=='1')
```

```
28: {
29:     f=(1.8*t)+32;           //fahrenheit...
30:     printf("Conversion of given tempertaure
in Fahrenheit is ");
31:
32:     return f;
33: }
34: else if(ch=='2')
35:     {k=273+t;               //kelvin..
36:     printf("Conversion of given tempertaure
in Kelvin is ");
37:     return k;
38: }
39: }
```

```

1: #include <stdio.h>
2:
3: //Total salary Function type 4//
4: int totalsalary(int);
5: void main()
6: {
7:     int a,n;
8:     printf("Please Enter Your Salary here:
9: ");
10:     scanf("%d",&n);
11:     a=totalsalary(n);
12:     printf("                And \nYour Total
13: salary is=%d\n",a);
14: }
15: int totalsalary(int n)
16: {
17:     int t1,tm;
18:
19:
20:     //Main formula//
21:
22:     t1=n+n*0.1+n*0.2+n*0.25;           // Less
23:     than 5000
24:     tm=n+n*0.15+n*0.25+n*0.3;         // more
25:     than 5000
26:     printf("Hey Your Entered basic Salary
27: is:%d\n",n);

```

```
27:         if (n<=5000)
28:         {
29:             return t1;
30:         }
31:         else
32:         {
33:             return tm;
34:         }
35: }
```

```
1: #include <stdio.h>
2:
3: // TWO NO WITH OPERATOR. by Function type 4//
4: int Choose_operator(int,int);
5: void main()
6: {
7:     int n1,n2;
8:     int a;
9:     printf("Please Enter first no. here:");
10:    scanf("%d",&n1);
11:
12:    printf("Please Enter Second no. here: ");
13:    scanf("%d",&n2);
14:
15:    a=Choose_operator(n1,n2);
16:    printf("Your outcome is:%.3f",a);
17:
18: }
19: int Choose_operator(int n1,int n2)
20: {
21:
22:     int sum,sub,mul,mod,div;
23:     char ch;
24:
25:     /*printf("\n 1.  addition ");
26:     printf("\n 2.  subtraction ");
27:     printf("\n 3.  multiplication ");
28:     printf("\n 4.  division");
29:     printf("\n 5.  Modulus ");*/
30:
31:     fflush(stdin);
```



```
32:     printf("Please Enter operator here: ");
33:
34:     scanf("%c",&ch);
35:
36:     if(ch=='+')
37:     {
38:         sum = n1+n2;
39:         return sum;
40:     }
41:     else if(ch=='-')
42:     {
43:         sub = n1-n2;
44:         return sub;
45:     }
46:     else if(ch=='*')
47:     {
48:         mut=n1*n2;
49:         return mut;
50:     }
51:     else if(ch=='/')
52:     {
53:         div=n1/n2;
54:         return div;
55:     }
56:     else if(ch=='%')
57:     {
58:         mod=n1%n2;
59:         return mod;
60:     }
61:
62: }
```