

```
1  #include<stdio.h>
2  int main()
3  {
4      int year;
5      printf("Enter year : ");
6      scanf("%d",&year);
7      if(year%100 !=0)
8      {
9          if(year%4 == 0)
10             printf("Leap year\n");
11         else
12             printf("Not a leap year\n");
13     }
14     else
15     {
16         if(year%400 == 0)
17             printf("Leap year\n");
18         else
19             printf("Not a leap year\n");
20     }
21     return 0;
22 }
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\N.exe
- Output Size: 133.3701171875 KiB
- Compilation Time: 0.45s
```




```
1  #include<stdio.h>
2  #include<math.h>
3  int main()
4  {
5      float a,b,c,d,rr1,rr2,real,imag;
6      printf("Enter the values of a,b,c");
7      scanf("%f%f%f",&a,&b,&c);
8      d = b*b - 4*a*c;
9      if(d>0)
10     {
11         printf("\n Roots are real");
12         rr1= (-b + sqrt(d))/2*a;
13         rr2= (-b - sqrt(d))/2*a;
14         printf("Roots are : %f\t%f",rr1,rr2);
15     }
16     else if(d==0)
17     {
18         printf("\n Roots are equal");
19         rr1=rr2= -b/2*a;
20         printf("Roots are: %0.2f and %0.2f",rr1,rr2);
21     }
22     else
23     {
24         printf("\n Roots are imaginary");
25         real = -b/2*a;
26         imag = sqrt(-d)/2*a;
27         printf("Roots are : %0.2f + %0.2fi and %0.2f - %0.2fi",real,imag,real,imag);
28     }
29     return 0;
30 }
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\N.exe
- Output Size: 133.3701171875 KiB
- Compilation Time: 0.63s
```




```
1 #include<stdio.h>
2 int main()
3 {
4     float gross_salary,net_salary,tax;
5     printf("Enter the gross salary : ");
6     scanf("%f",&gross_salary);
7     if(gross_salary<=20000)
8     {
9         tax=(gross_salary*0)/100;
10    }
11    if(gross_salary >=20000 && gross_salary<40000)
12    {
13        tax=(gross_salary*3)/100;
14    }
15    if(gross_salary >=40000 && gross_salary<50000)
16    {
17        tax=(gross_salary*5)/100;
18    }
19    if(gross_salary >=50000)
20    {
21        tax=(gross_salary*8)/100;
22    }
23    net_salary=gross_salary - tax;
24    printf("The net salary is : %.2f\n",net_salary);
25    printf("The tax is : %.2f\n",tax);
26    return 0;
27 }
28 }
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\N.exe
- Output Size: 133.3701171875 KiB
- Compilation Time: 0.45s
```



D:\C\O.c - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

M.c N.c

```
1 #include<stdio.h>
2 int main()
3 {
4     float gross_salary;
5     printf("Enter the gross salary : ");
6     scanf("%f", &gross_salary);
7     if(gross_salary < 0)
8     {
9         printf("Invalid salary\n");
10    }
11    if(gross_salary > 0)
12    {
13        float net_salary = gross_salary - (gross_salary * 0.1);
14        printf("The net salary is : %.2f\n", net_salary);
15        if(gross_salary > 50000)
16        {
17            float tax = gross_salary * 0.08;
18            printf("The tax is : %.2f\n", tax);
19        }
20        printf("The net salary after tax is : %.2f\n", net_salary - tax);
21    }
22    return 0;
23 }
24
25 net_salary = gross_salary - (gross_salary * 0.1);
26 printf("The net salary is : %.2f\n", net_salary);
27 printf("The net salary after tax is : %.2f\n", net_salary - tax);
28 return 0;
```

D:\C\O.exe

```
Enter the gross salary : 50000
The net salary is : 46000.00
The tax is : 4000.00
-----
Process exited after 7.593 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\O.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.47s
```

Line: 26 Col: 14 Sel: 0 Lines: 28 Length: 587 Insert Done parsing in 0.016 seconds



Search



17:09

13-05-2021

ENG


```
1  #include<stdio.h>
2  int main()
3  {
4      float l1,l2,l3,total,sanclloan,maxloan;
5      printf("Enter three loan amounts(user given)\n");
6      scanf("%f%f%f",&l1,&l2,&l3);
7      printf("Enter maximum loan(given by money lender)");
8      scanf("%f",&maxloan);
9      total=l2+l3;
10     if(l1==0)
11     {
12         if(total>maxloan)
13         {
14             sanclloan=maxloan-l2;
15             printf("Loan can be sanctioned : %f\n",sanclloan);
16         }
17         else
18             sanclloan=l3;
19         printf("\nAmount can be sanctioned : %f\n",sanclloan);
20     }
21     else
22     {
23         printf("Loan cannot be sanctioned");
24     }
25     return 0;
26 }
27 }
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\P.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.45s
```



D:\C\P.c - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

M.c

```
1 #
2 Enter three loan amounts(user given)
3 {
4 32000
5 16000
6 Enter maximum loan(given by money lender)50000
7
8 Amount can be sanctioned : 16000.000000
9
10 -----
11 Process exited after 25.75 seconds with return value 0
12 Press any key to continue . . .
13
14
15
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18
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21
22
23
24
25
26
27 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\P.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.44s
```

Line: 26 Col: 14 Sel: 0 Lines: 27 Length: 555 Insert Done parsing in 0.031 seconds



Search



17:14
13-05-2021