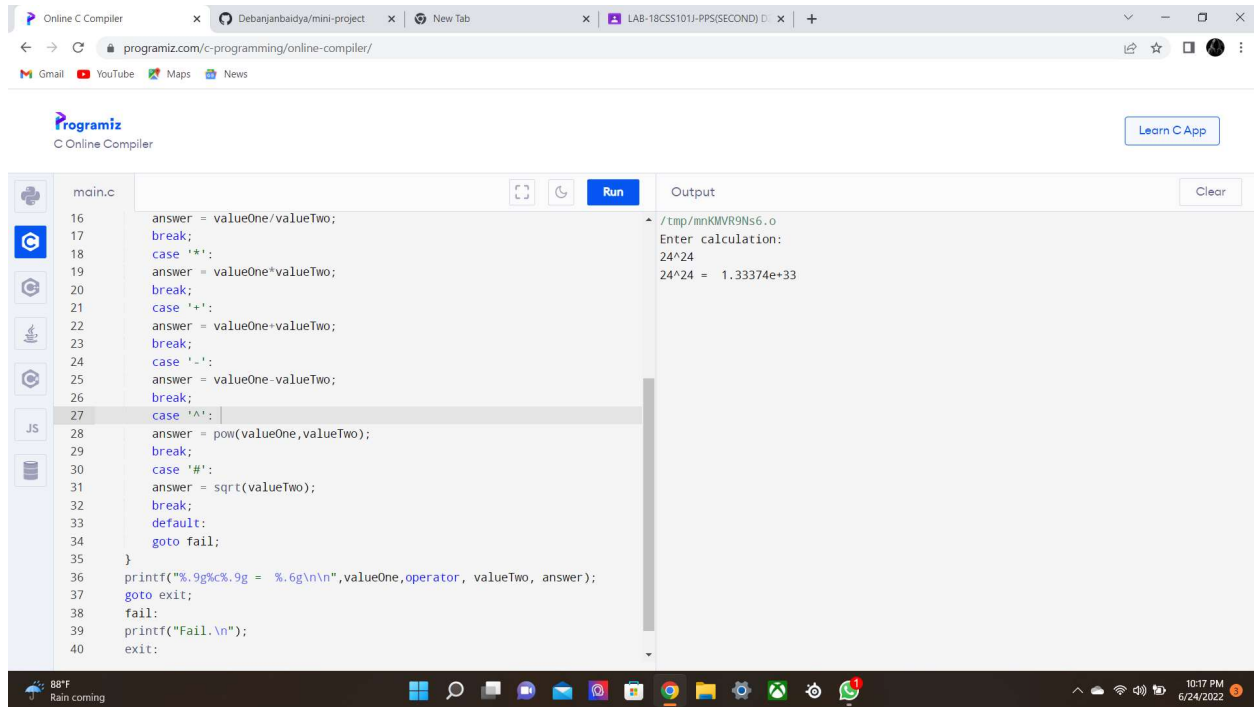


Mini project(pps)

Simple calculator

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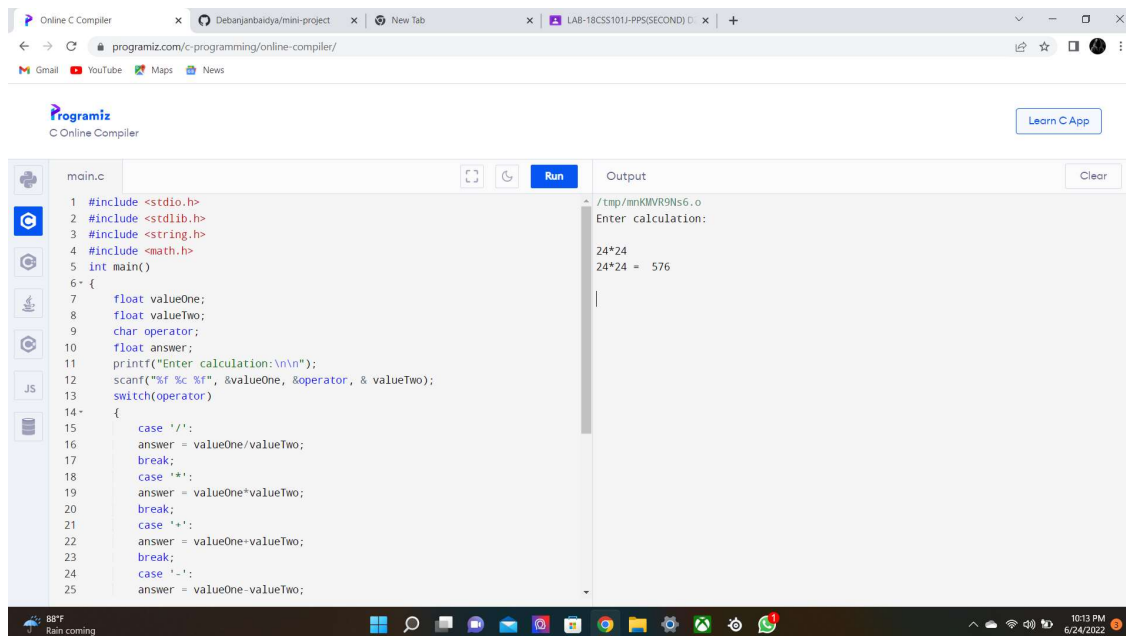


```
main.c
16  answer = valueOne/valueTwo;
17  break;
18  case '*':
19  answer = valueOne*valueTwo;
20  break;
21  case '+':
22  answer = valueOne+valueTwo;
23  break;
24  case '-':
25  answer = valueOne-valueTwo;
26  break;
27  case '^':
28  answer = pow(valueOne,valueTwo);
29  break;
30  case '#':
31  answer = sqrt(valueTwo);
32  break;
33  default:
34  goto fail;
35  }
36  printf("%.9g%%%.9g = %.6g\n\n",valueOne,operator, valueTwo, answer);
37  goto exit;
38  fail:
39  printf("Fail.\n");
40  exit;
```

Output

```
/tmp/mnKMVR9Ns6.o
Enter calculation:
24^24
24^24 = 1.33374e+33
```

D2 CSE



```
main.c
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <string.h>
4  #include <math.h>
5  int main()
6  {
7  float valueOne;
8  float valueTwo;
9  char operator;
10 float answer;
11 printf("Enter calculation:\n\n");
12 scanf("%f %c %f", &valueOne, &operator, &valueTwo);
13 switch(operator)
14 {
15 case '/':
16 answer = valueOne/valueTwo;
17 break;
18 case '*':
19 answer = valueOne*valueTwo;
20 break;
21 case '+':
22 answer = valueOne+valueTwo;
23 break;
24 case '-':
25 answer = valueOne-valueTwo;
```

Output

```
/tmp/mnKMVR9Ns6.o
Enter calculation:
24*24
24*24 = 576
```

Online C Compiler

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main.c

```
16  answer = valueOne/valueTwo;
17  break;
18  case '**':
19  answer = valueOne*valueTwo;
20  break;
21  case '+':
22  answer = valueOne+valueTwo;
23  break;
24  case '-':
25  answer = valueOne-valueTwo;
26  break;
27  case '^':
28  answer = pow(valueOne,valueTwo);
29  break;
30  case '#':
31  answer = sqrt(valueTwo);
32  break;
33  default:
34  goto fail;
35  }
36  printf("%.9g%c%.9g = %.6g\n\n",valueOne,operator, valueTwo, answer);
37  goto exit;
38  fail:
39  printf("Fail.\n");
40  exit;
```

Run

Output

Clear

/tmp/mnKMVR9Ns6.o
Enter calculation:
24-24
24-24 = 0

88°F
Rain coming

10:14 PM
6/24/2022

Online C Compiler

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main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4 #include <math.h>
5 int main()
6 {
7     float valueOne;
8     float valueTwo;
9     char operator;
10    float answer;
11    printf("Enter calculation:\n\n");
12    scanf("%f %c %f", &valueOne, &operator, &valueTwo);
13    switch(operator)
14    {
15        case '/':
16            answer = valueOne/valueTwo;
17            break;
18        case '*':
19            answer = valueOne*valueTwo;
20            break;
21        case '+':
22            answer = valueOne+valueTwo;
23            break;
24        case '-':
25            answer = valueOne-valueTwo;
```

Output

Clear

/tmp/mnKMVR9Ns6.o
Enter calculation:
24/24
24/24 = 1

88°F Rain coming 10:13 PM 6/24/2022

Online C Compiler

Debanjanbaidya/mini-project x New Tab x LAB-18CSS101J-PPS(SECOND) D x +

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main.c

```
11 printf("Enter calculation:\n\n");
12 scanf("%f %c %f", &valueOne, &operator, &valueTwo);
13 switch(operator)
14 {
15     case '/':
16         answer = valueOne/valueTwo;
17         break;
18     case '*':
19         answer = valueOne*valueTwo;
20         break;
21     case '+':
22         answer = valueOne+valueTwo;
23         break;
24     case '-':
25         answer = valueOne-valueTwo;
26         break;
27     case '^':
28         answer = pow(valueOne,valueTwo);
29         break;
30     case '#':
31         answer = sqrt(valueTwo);
32         break;
33     default:
34         goto fail;
35 }
```

Output

Clear

/tmp/mnKMVR9Ns6.o
Enter calculation:
24+24
24+24 = 48

88°F Rain coming 10:13 PM 6/24/2022

The image shows a web browser window with the Programiz C Online Compiler. The code editor contains a C program with a switch statement. The output window shows the results of the calculations. The bottom status bar indicates the system time and date.