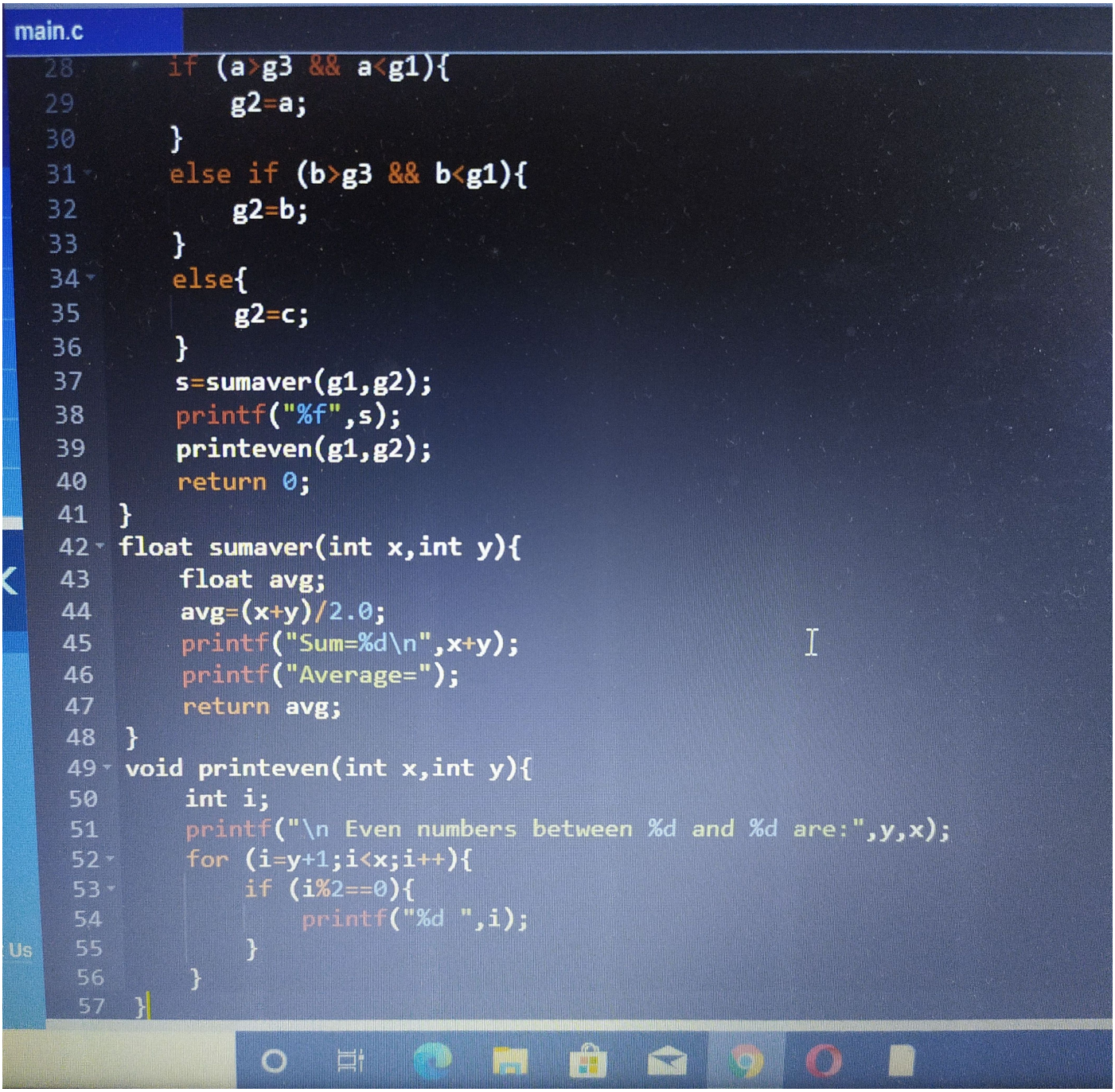
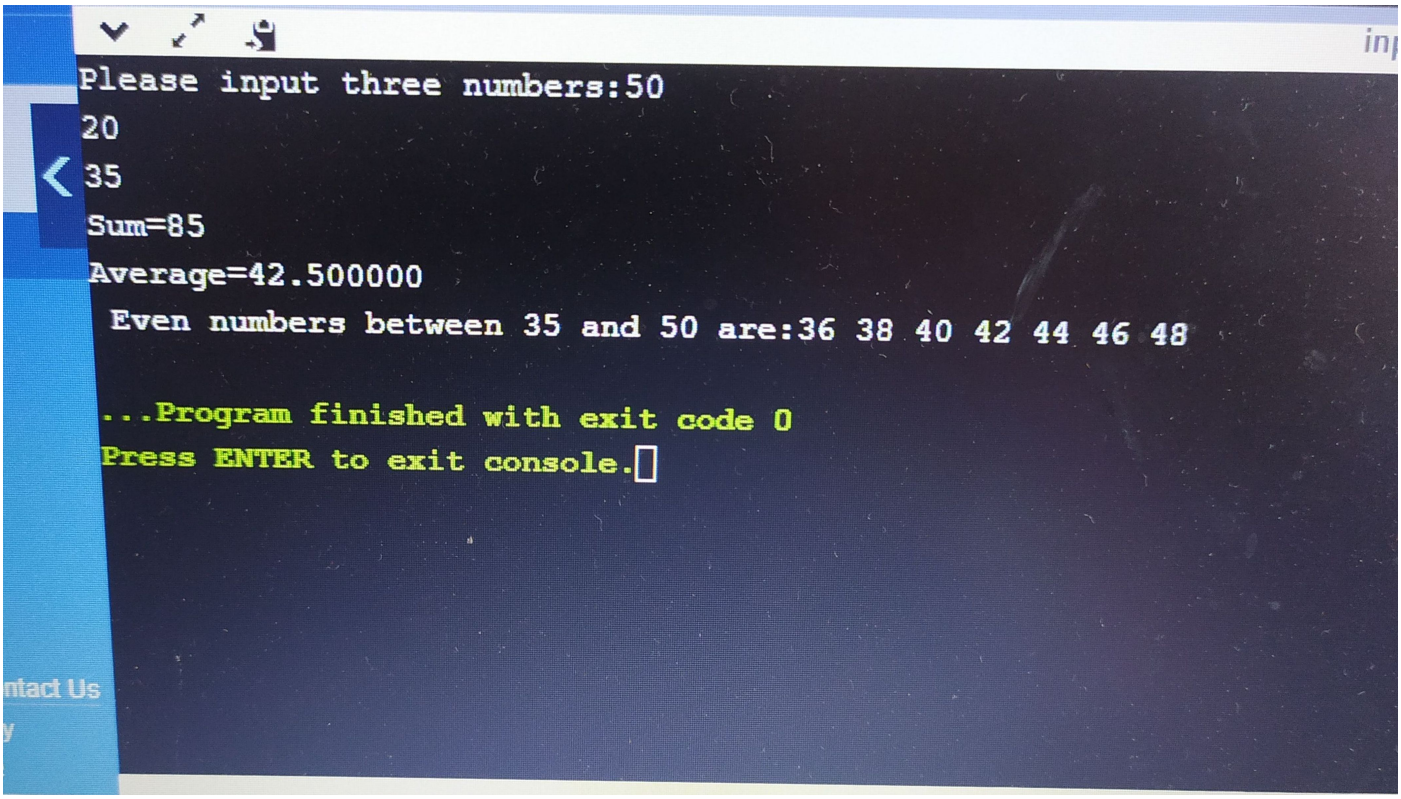
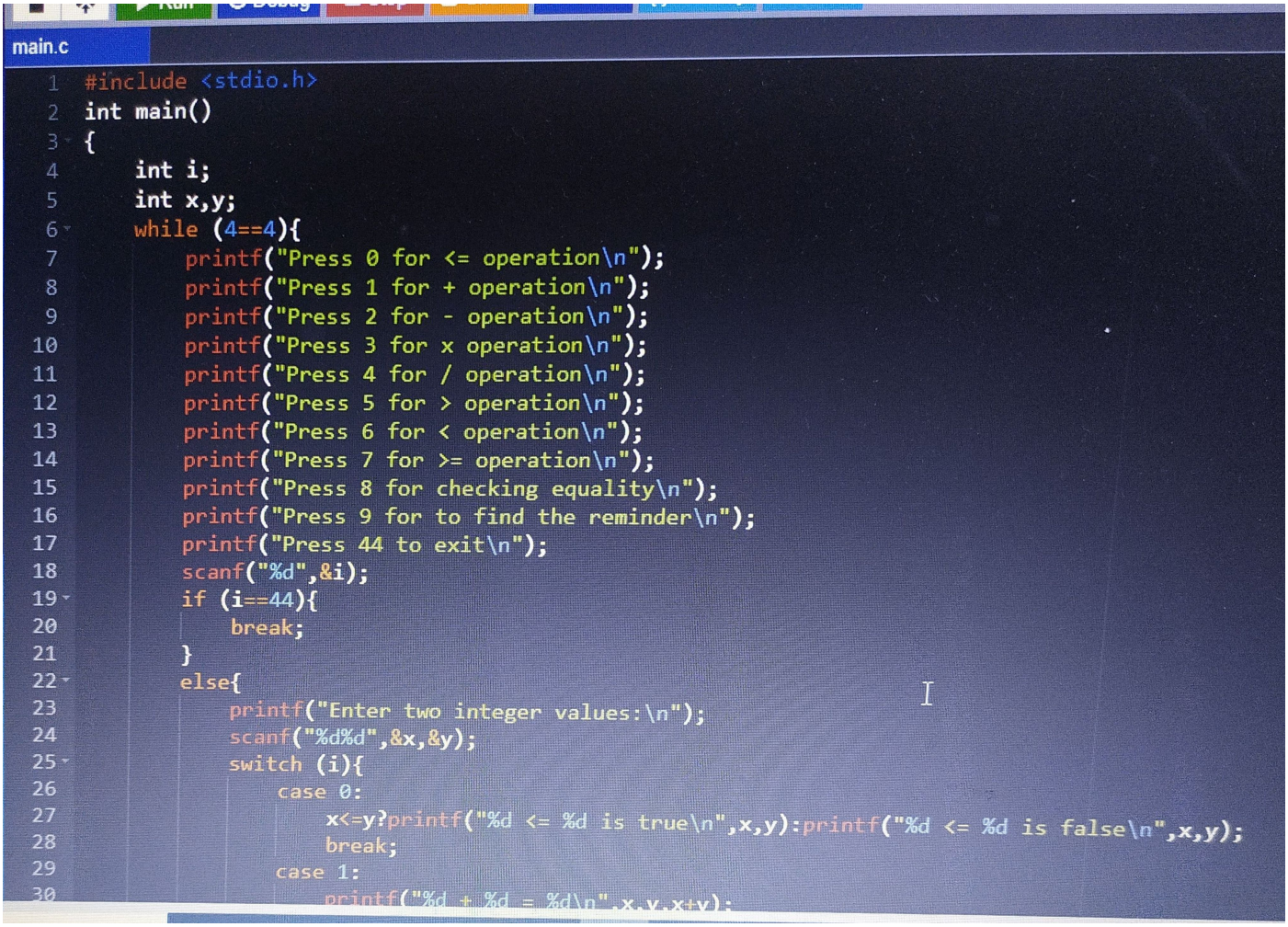
main.c

```c
#include <stdio.h>
float sumaver(int x,int y);
void printeven(int x,int y);
int main()
{
    int a,b,c,g1,g2,g3;
    float s;
    printf("Please input three numbers:");
    scanf("%d%d%d",&a,&b,&c);
    if (a>b && a>c){
        g1=a;
    }
    else if (b>a && b>c){
        g1=b;
    }
    else{
        g1=c;
    }
    if (a<b && a<c){
        g3=a;
    }
    else if (b<a && b<c){
        g3=b;
    }
    else{
        g3=c;
    }
    if (a>g3 && a<g1){
        g2=a;
    }
```


main.c
if (a>g3 && a<g1){
g2=a;
}
else if (b>g3 && b<g1){
g2=b;
}
else{
g2=c;
}
s=sumaver(g1,g2);
printf("%f",s);
printeven(g1,g2);
return 0;
}
float sumaver(int x,int y){
float avg;
avg=(x+y)/2.0;
printf("Sum=%d\n",x+y);
printf("Average=");
return avg;
}
void printeven(int x,int y){
int i;
printf("\n Even numbers between %d and %d are:",y,x);
for (i=y+1;i<x;i++){
if (i%2==0){
printf("%d ",i);
}
}
}


Please input three numbers:50
20
35
Sum=85
Average=42.500000
Even numbers between 35 and 50 are:36 38 40 42 44 46 48
...Program finished with exit code 0
Press ENTER to exit console.



main.c

```c
#include <stdio.h>
int main()
{
    int i;
    int x,y;
    while (4==4){
        printf("Press 0 for <= operation\n");
        printf("Press 1 for + operation\n");
        printf("Press 2 for - operation\n");
        printf("Press 3 for x operation\n");
        printf("Press 4 for / operation\n");
        printf("Press 5 for > operation\n");
        printf("Press 6 for < operation\n");
        printf("Press 7 for >= operation\n");
        printf("Press 8 for checking equality\n");
        printf("Press 9 for to find the reminder\n");
        printf("Press 44 to exit\n");
        scanf("%d",&i);
        if (i==44){
            break;
        }
        else{
            printf("Enter two integer values:\n");
            scanf("%d%d",&x,&y);
            switch (i){
                case 0:
                    x<=y?printf("%d <= %d is true\n",x,y):printf("%d <= %d is false\n",x,y);
                    break;
                case 1:
                    printf("%d + %d = %d\n",x,y,x+y);
```

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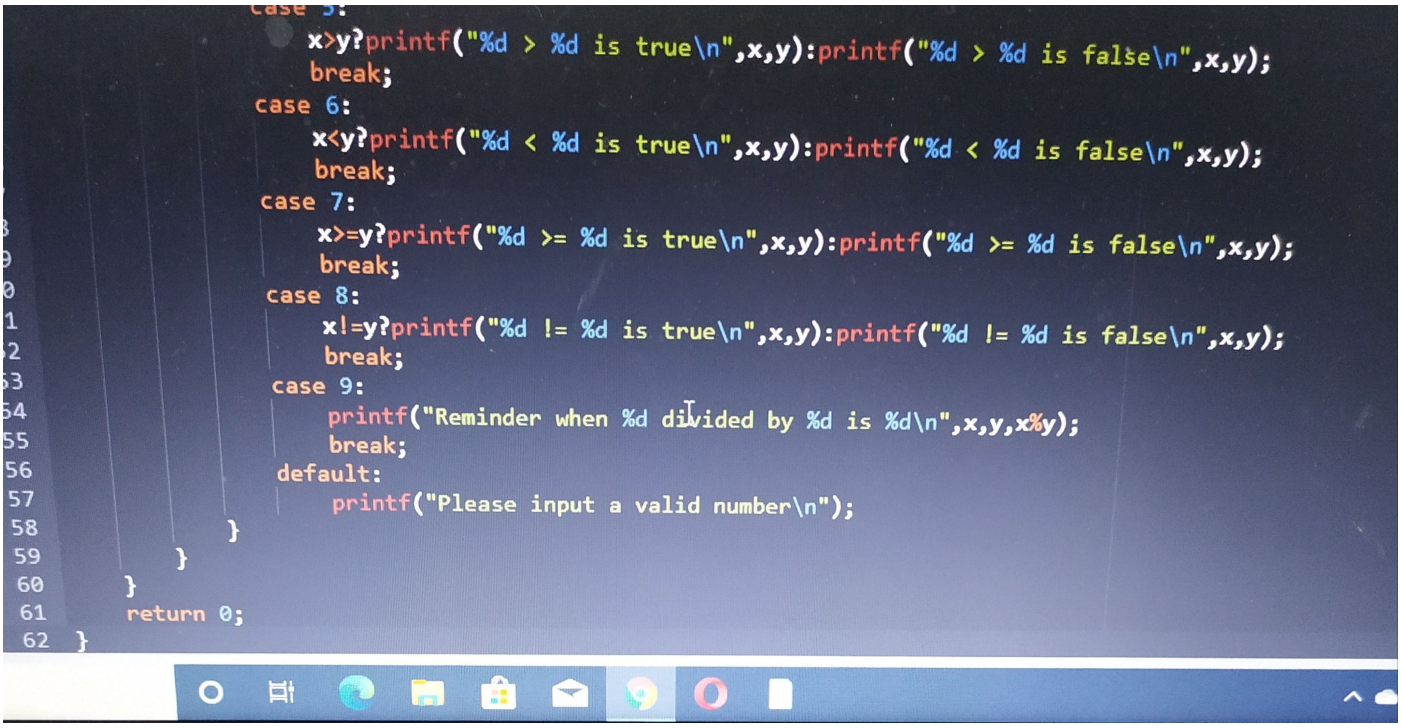
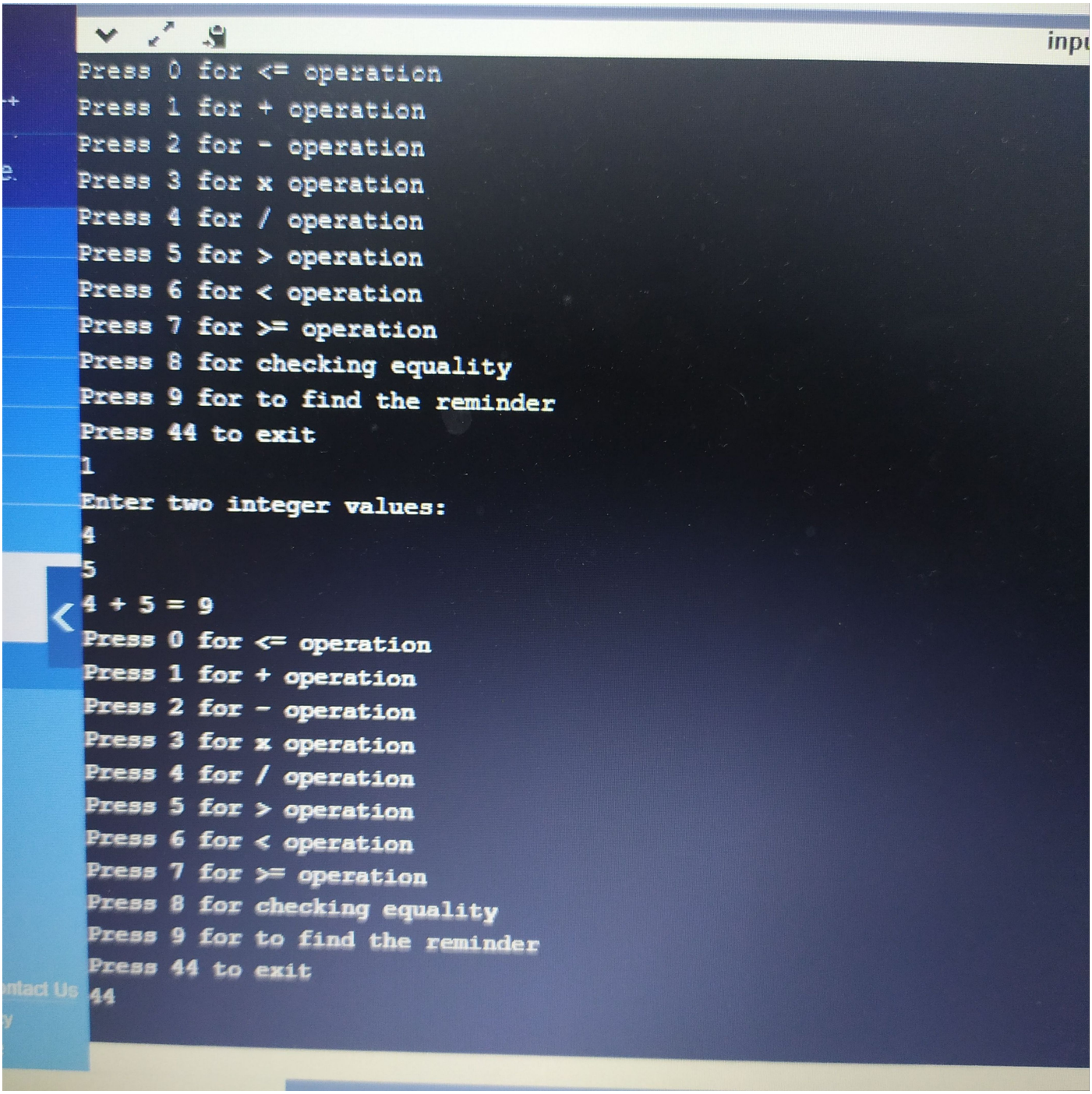
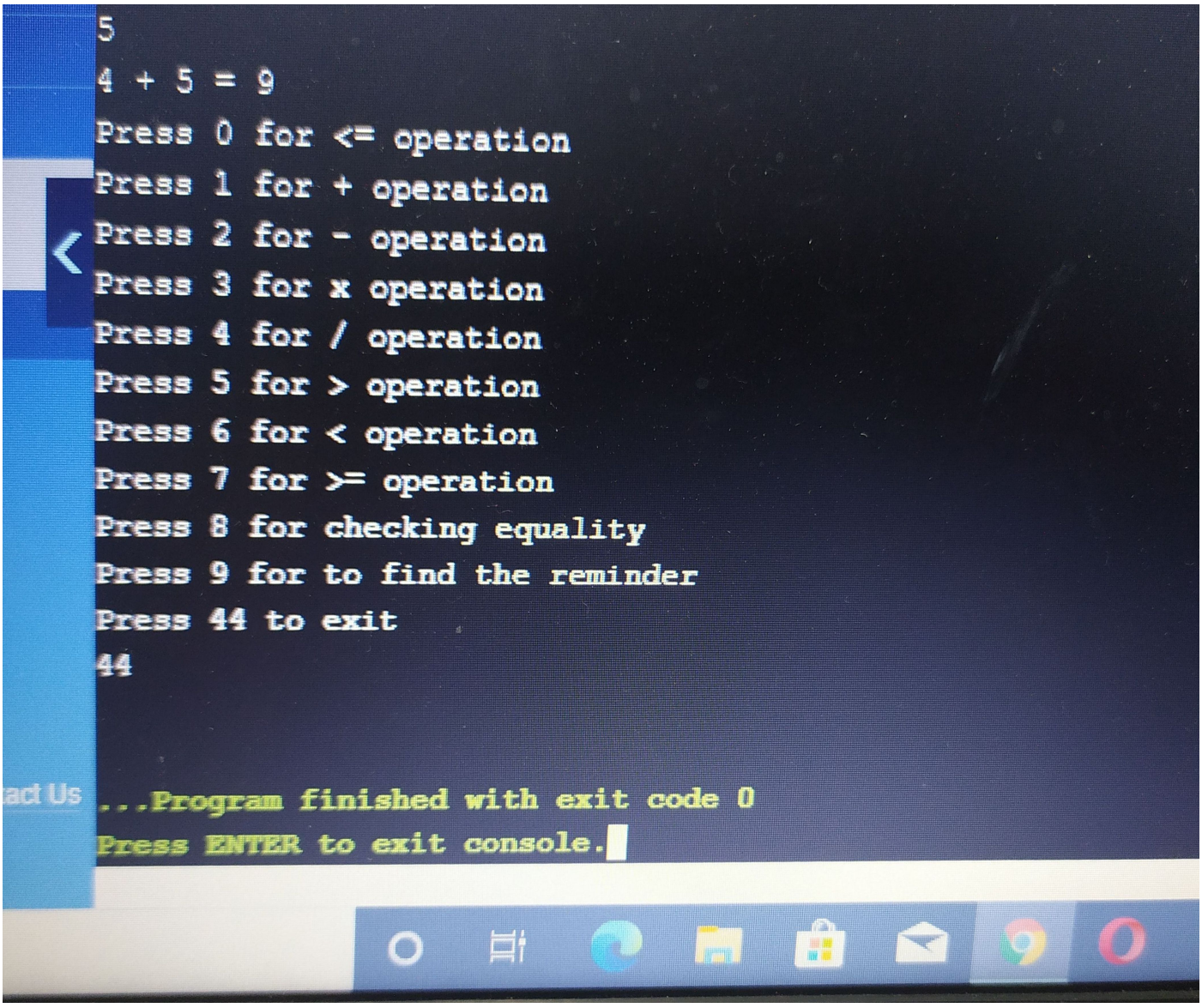
30                  printf("%d + %d = %d\n",x,y,x+y);
31                  break;
32              case 2:
33                  printf("%d - %d = %d\n",x,y,x-y);
34                  break;
35              case 3:
36                  printf("%d x %d = %d\n",x,y,x*y);
37                  break;
38              case 4:
39                  printf("%d / %d = %d\n",x,y,x/y);
40                  break;
41              case 5:
42                  x>y?printf("%d > %d is true\n",x,y):printf("%d > %d is false\n",x,y);
43                  break;
44              case 6:
45                  x<y?printf("%d < %d is true\n",x,y):printf("%d < %d is false\n",x,y);
46                  break;
47              case 7:
48                  x>=y?printf("%d >= %d is true\n",x,y):printf("%d >= %d is false\n",x,y);
49                  break;
50              case 8:
51                  x!=y?printf("%d != %d is true\n",x,y):printf("%d != %d is false\n",x,y);
52                  break;
53              case 9:
54                  printf("Reminder when %d divided by %d is %d\n",x,y,x%y);
55                  break;
56              default:
57                  printf("Please input a valid number\n");
58          }
59      }
```



```
            case 5:
                x>y?printf("%d > %d is true\n",x,y):printf("%d > %d is false\n",x,y);
                break;
            case 6:
                x<y?printf("%d < %d is true\n",x,y):printf("%d < %d is false\n",x,y);
                break;
            case 7:
                x>=y?printf("%d >= %d is true\n",x,y):printf("%d >= %d is false\n",x,y);
                break;
            case 8:
                x!=y?printf("%d != %d is true\n",x,y):printf("%d != %d is false\n",x,y);
                break;
            case 9:
                printf("Reminder when %d divided by %d is %d\n",x,y,x%y);
                break;
            default:
                printf("Please input a valid number\n");
        }
    }
}
return 0;
}
```


Press 0 for <= operation
Press 1 for + operation
Press 2 for - operation
Press 3 for x operation
Press 4 for / operation
Press 5 for > operation
Press 6 for < operation
Press 7 for >= operation
Press 8 for checking equality
Press 9 for to find the reminder
Press 44 to exit
1
Enter two integer values:
4
5
4 + 5 = 9
Press 0 for <= operation
Press 1 for + operation
Press 2 for - operation
Press 3 for x operation
Press 4 for / operation
Press 5 for > operation
Press 6 for < operation
Press 7 for >= operation
Press 8 for checking equality
Press 9 for to find the reminder
Press 44 to exit
44


5
4 + 5 = 9
Press 0 for <= operation
Press 1 for + operation
Press 2 for - operation
Press 3 for x operation
Press 4 for / operation
Press 5 for > operation
Press 6 for < operation
Press 7 for >= operation
Press 8 for checking equality
Press 9 for to find the reminder
Press 44 to exit
44
...Program finished with exit code 0
Press ENTER to exit console.