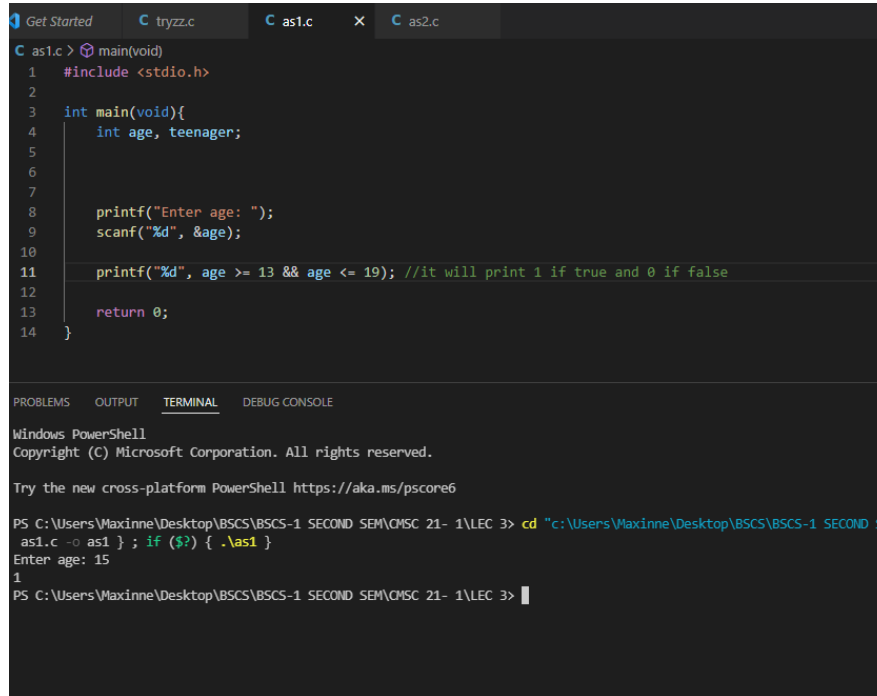


Selection Statements

Lecture 3 Assignments

1.



```
C as1.c > main(void)
1  #include <stdio.h>
2
3  int main(void){
4      int age, teenager;
5
6
7
8      printf("Enter age: ");
9      scanf("%d", &age);
10
11     printf("%d", age >= 13 && age <= 19); //it will print 1 if true and 0 if false
12
13     return 0;
14 }
```

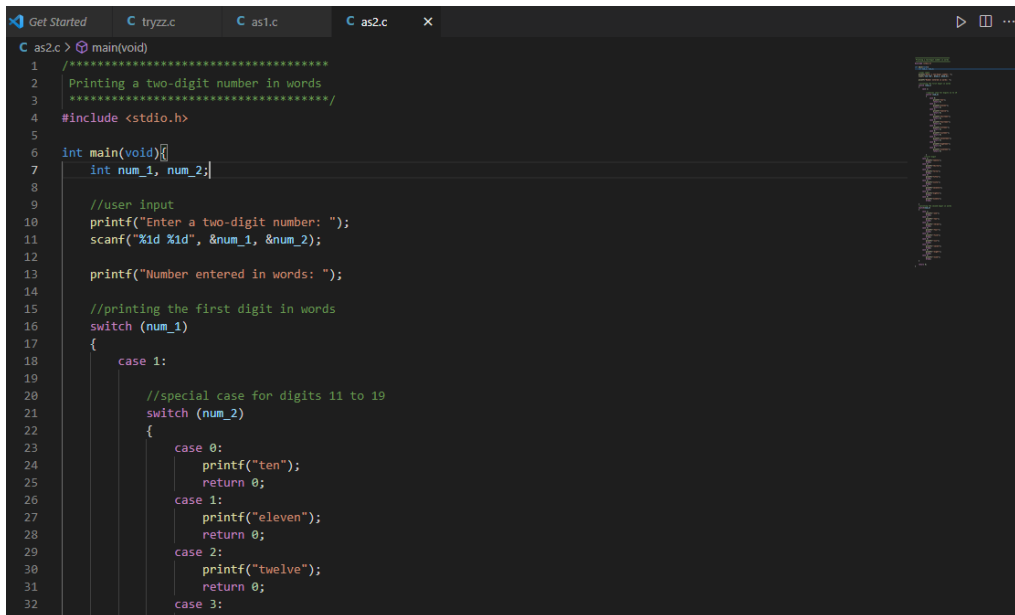
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Windows PowerShell
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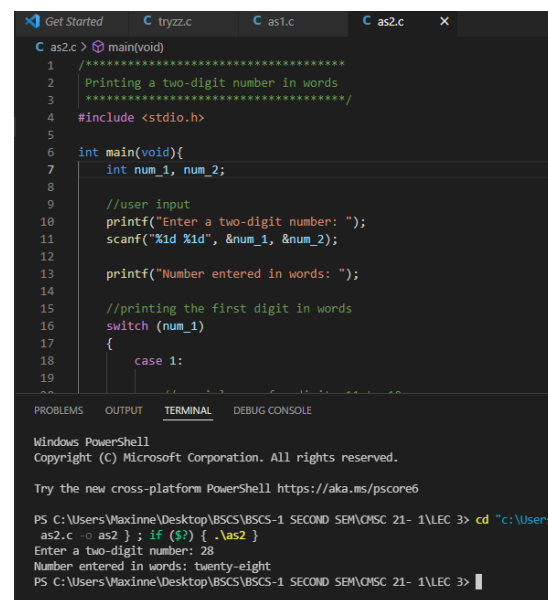
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3> cd "c:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3" & .\as1.c
as1.c -o as1 } ; if (\$?) { .\as1 }
Enter age: 15
1
PS C:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3> |

2.



```
C as2.c > main(void)
1  /*****
2   Printing a two-digit number in words
3   *****/
4  #include <stdio.h>
5
6  int main(void){
7      int num_1, num_2;
8
9      //user input
10     printf("Enter a two-digit number: ");
11     scanf("%d %d", &num_1, &num_2);
12
13     printf("Number entered in words: ");
14
15     //printing the first digit in words
16     switch (num_1)
17     {
18     case 1:
19
20         //special case for digits 11 to 19
21         switch (num_2)
22         {
23         case 0:
24             printf("ten");
25             return 0;
26         case 1:
27             printf("eleven");
28             return 0;
29         case 2:
30             printf("twelve");
31             return 0;
32         case 3:
33             printf("thirteen");
34             return 0;
35         case 4:
36             printf("fourteen");
37             return 0;
38         case 5:
39             printf("fifteen");
40             return 0;
41         case 6:
42             printf("sixteen");
43             return 0;
44         case 7:
45             printf("seventeen");
46             return 0;
47         case 8:
48             printf("eighteen");
49             return 0;
50         case 9:
51             printf("nineteen");
52             return 0;
53     }
54     }
55 }
```



```
C as2.c > main(void)
1  /*****
2   Printing a two-digit number in words
3   *****/
4  #include <stdio.h>
5
6  int main(void){
7      int num_1, num_2;
8
9      //user input
10     printf("Enter a two-digit number: ");
11     scanf("%d %d", &num_1, &num_2);
12
13     printf("Number entered in words: ");
14
15     //printing the first digit in words
16     switch (num_1)
17     {
18     case 1:
19
20         //special case for digits 11 to 19
21         switch (num_2)
22         {
23         case 0:
24             printf("ten");
25             return 0;
26         case 1:
27             printf("eleven");
28             return 0;
29         case 2:
30             printf("twelve");
31             return 0;
32         case 3:
33             printf("thirteen");
34             return 0;
35         case 4:
36             printf("fourteen");
37             return 0;
38         case 5:
39             printf("fifteen");
40             return 0;
41         case 6:
42             printf("sixteen");
43             return 0;
44         case 7:
45             printf("seventeen");
46             return 0;
47         case 8:
48             printf("eighteen");
49             return 0;
50         case 9:
51             printf("nineteen");
52             return 0;
53     }
54     }
55 }
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3> cd "c:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3" & .\as2.c
as2.c -o as2 } ; if (\$?) { .\as2 }
Enter a two-digit number: 28
Number entered in words: twenty-eight
PS C:\Users\Maxinne\Desktop\BSCS\BSCS-1 SECOND SEM\CMSC 21- 1\LEC 3> |