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CMSC 21 - 1
i.
```

```
#include <stdio.h>
#include <stdbool.h>

woid main(){
//DecLaring Variables
bool teenager;
int age;

//Asks and scans for user inpu
printf("Input age: ");
scanf("%d", &age);

/*utilizing ternary operators to assign a bool value to variable teenager
if int var age is greater than or equal to 13 AND is less than or equal */
teenager = (age >= 13 && age <= 19);
printf("%s", teenager ? "TRUE" : "FALSE");</pre>
```

PS C:\Users\ACER>
 .\as1 }
Input age: 18 Input age: 20
TRUE FALSE

## ii.

```
case 1: printf("eleven."); break;
case 2: printf("twelve."); break;
case 3: printf("thirteen."); break;
                        case 6: printf("sixteen."); break;
case 7: printf("seventeen."); break
  // 20 - 90
case 2: printf("twenty"); break;
 case 2: printf('twenty'); break;
case 3: printf("thirty"); break;
case 4: printf("forty"); break;
case 5: printf("fifty"); break;
  case 8: printf("eighty"); break;
case 9: printf("ninety"); break;
 case 2: printf("-two"); break;
case 3: printf("-three"); break
case 3: printf("-three"); break;
case 4: printf("-four"); break;
case 5: printf("-five"); break;
case 6: printf("-six"); break;
case 7: printf("-seven"); break;
case 8: printf("-eight"); break;
case 9: printf("-nine"); break;
```

```
PS C:\Users\ACER> cd "c:\Users\A
.\as2 }
Input two-digit number: 21
Input is twenty-one.
PS C:\Users\ACER> cd "c:\Users
.\as2 }
Input two-digit number: 12
Input is twelve.
```