

CS ASSAIGNMENT- 5

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REGISTRATION NO. 2021UGEC059

```
C 1.2.c > main()
1  #include <stdio.h>
2  int main(){
3      int num;
4      printf("Enter the week number\n");
5      scanf("%d", &num);
6      switch(num){
7          case 1:
8              printf("Sunday");
9              break;
10         case 2:
11             printf("Monday");
12             break;
13         case 3:
14             printf("Tuesday");
15             break;
16         case 4:
17             printf("Wednesday");
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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

PS C:\Users\HP\Desktop\Assignment\New folder> gcc 1.2.c

PS C:\Users\HP\Desktop\Assignment\New folder> .\a.exe

Enter the week number

3

Tuesday

PS C:\Users\HP\Desktop\Assignment\New folder> .\a.exe

Enter the week number

7

Saturday

PS C:\Users\HP\Desktop\Assignment\New folder> █

C 2.c X C 3.c C 4.c C 5.c C 6.c C 7.c

C 2.c > main()

```
1  #include<stdio.h>
2  int main(){
3      int month;
4      printf("Enter month number(1-12):");
5      scanf("%d",&month);
6      switch(month){
7          case 1:
8              printf("31 days");
9              break;
10         case 2:
11             printf("28/29 days");
12             break;
13         case 3:
14             printf("31 days");
15             break;
16         case 4:
17             printf("30 days");
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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PS C:\Users\HP\Desktop\Assignment> gcc 2.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter month number(1-12):

7

31 days

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter month number(1-12):

3

31 days

PS C:\Users\HP\Desktop\Assignment> |

Ln 15, Col 18 Spaces: 4



C 2.c C 3.c X C 4.c C 5.c C 6.c C 7.c

C 3.c > main()

```
1  #include<stdio.h>
2  int main(){
3      int num;
4      printf("Enter any number\n");
5      scanf("%d",&num);
6      switch(num%2){
7          case 0:
8              printf("Number is even");
9              break;
10         case 1:
11             printf("Number is odd");
12             break;
13     }
14     return 0;
15 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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PS C:\Users\HP\Desktop\Assignment> gcc 3.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

34

Number is even

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

23

Number is odd

PS C:\Users\HP\Desktop\Assignment> |

Ln 7, Col 16 S

C 4.c > main()

```
2  int main(){
3      int num;
4      printf("Enter any number\n");
5      scanf("%d",&num);
6      switch(num>0){
7          case 1:
8              printf("%d is positive",num);
9              break;
10         case 0:
11             switch(num<0){
12                 case 1:
13                     printf("negative");
14                     break;
15                 case 0:
16                     printf("Zero");
17                     break;
18             }
19     }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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PS C:\Users\HP\Desktop\Assignment> gcc 4.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

-56

negative

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

0

Zero

PS C:\Users\HP\Desktop\Assignment> 25

25

PS C:\Users\HP\Desktop\Assignment> █

C 5.c > ...

```
1  #include <stdio.h>
2  int main(){
3      int num;
4      printf("Enter any number\n");
5      scanf("%d",&num);
6      (num%2==0)?printf("even"):printf("odd");
7      return 0;
8  }
9
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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PS C:\Users\HP\Desktop\Assignment> gcc 5.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

23

odd

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any number

16

even

PS C:\Users\HP\Desktop\Assignment> █

```
C 6.c > main()
1  #include<stdio.h>
2  int main(){
3      int num;
4      printf("Enter any year:\n");
5      scanf("%d",&num);
6      (num%4==0 && num%100!=0)? printf("LEAP YEAR"):
7      (num%400==0)? printf("LEAP YEAR"):printf("COMMON YEAR");
8      return 0;
9  }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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PS C:\Users\HP\Desktop\Assignment> gcc 6.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any year:

2020

LEAP YEAR

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any year:

2021

COMMON YEAR

PS C:\Users\HP\Desktop\Assignment> █

C 1.c

C 2.c

C 3.c

C 4.c

C 5.c

C 6.c

C 7.c > main()

```
1  #include<stdio.h>
2  int main(){
3      char ch;
4      printf("Enter any character:\n");
5      scanf("%c",&ch);
6      (ch>='a' && ch<='z')||(ch>='A' && ch<='Z')? printf("It is ALPHABET"):
7      printf("It is NOT ALPHABET");
8      return 0;
9  }
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS C:\Users\HP\Desktop\Assignment> gcc 7.c

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any character:

A

It is ALPHABET

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any character:

b

It is ALPHABET

PS C:\Users\HP\Desktop\Assignment> .\a.exe

Enter any character:

8

It is NOT ALPHABET

PS C:\Users\HP\Desktop\Assignment>

Ln 9, C