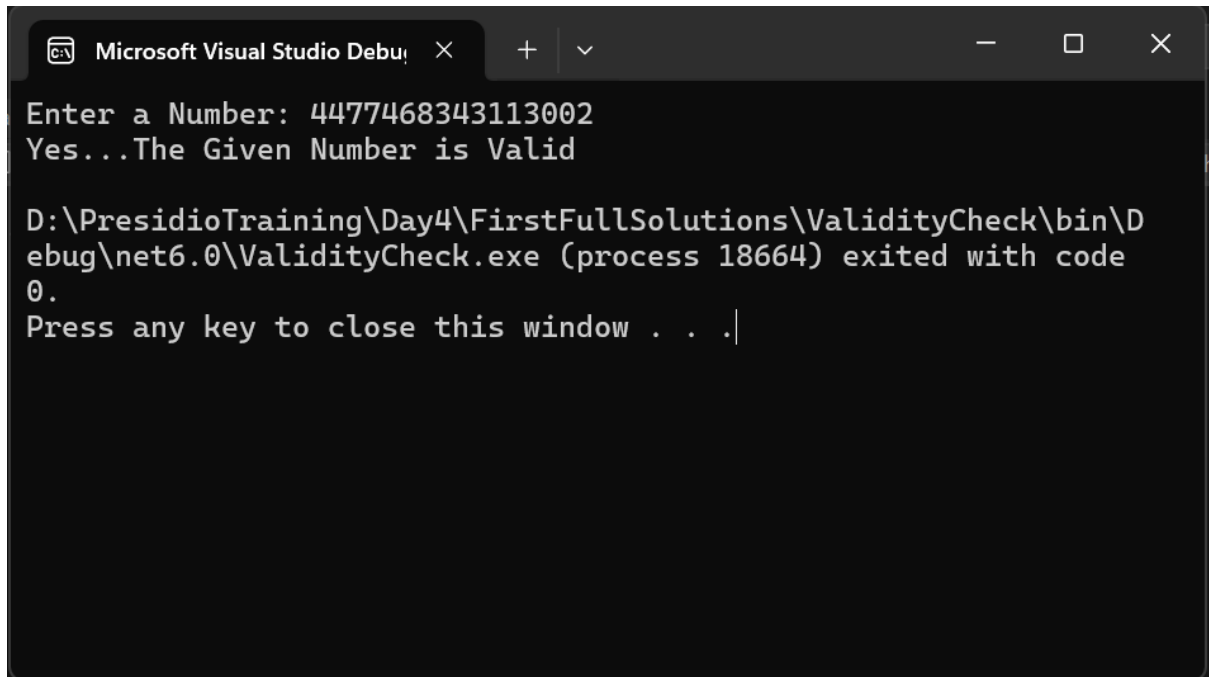


OUTPUT FOR VALIDITY CHECK:

Valid Case:

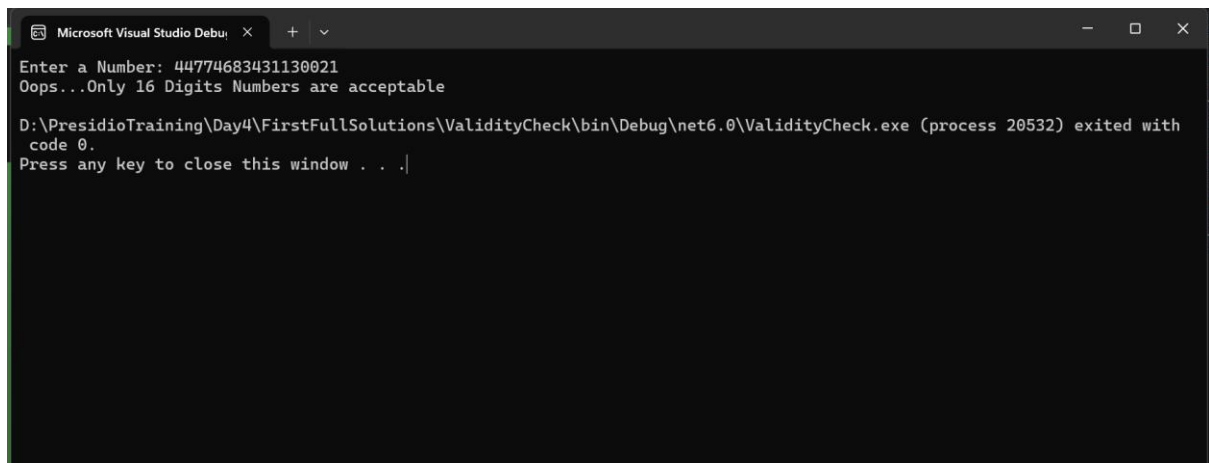


```
Microsoft Visual Studio Debug Console
Enter a Number: 4477468343113002
Yes...The Given Number is Valid

D:\PresidioTraining\Day4\FirstFullSolutions\ValidityCheck\bin\Debug\net6.0\ValidityCheck.exe (process 18664) exited with code 0.
Press any key to close this window . . .|
```

Invalid Case:

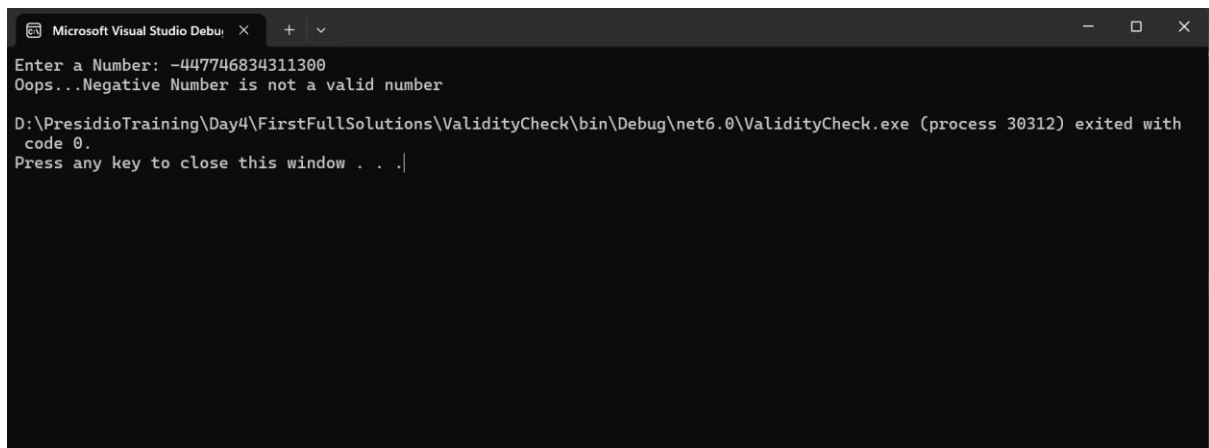
More than 16 numbers



```
Microsoft Visual Studio Debug Console
Enter a Number: 44774683431130021
Oops...Only 16 Digits Numbers are acceptable

D:\PresidioTraining\Day4\FirstFullSolutions\ValidityCheck\bin\Debug\net6.0\ValidityCheck.exe (process 20532) exited with code 0.
Press any key to close this window . . .|
```

Negative Number Case:



```
Microsoft Visual Studio Debug Console
Enter a Number: -447746834311300
Oops...Negative Number is not a valid number

D:\PresidioTraining\Day4\FirstFullSolutions\ValidityCheck\bin\Debug\net6.0\ValidityCheck.exe (process 30312) exited with code 0.
Press any key to close this window . . .|
```



```
Microsoft Visual Studio Debug Console
Enter a Number: 447746834311300p
Oops...Only Numbers should be present

D:\PresidioTraining\Day4\FirstFullSolutions\ValidityCheck\bin\Debug\net6.0\ValidityCheck.exe (process 1676) exited with code 0.
Press any key to close this window . . .|
```

Doctor Application:

Viewing Doctors

```
D:\PresidioTraining\Day4\Firs  X + v
Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
1
All Doctors:
ID: 1
Name: Dr. Smith
Age: 45
Experience: 20
Qualification: MD
Speciality: Cardiology

ID: 2
Name: Dr. Jones
Age: 50
Experience: 25
Qualification: PhD
Speciality: Neurology

ID: 3
Name: Dr. Patel
Age: 40
Experience: 15
Qualification: MBBS
Speciality: Pediatrics
```

Speciality Filter

```
D:\PresidioTraining\Day4\Firs  X + v
4. Exit
Enter your choice:
2
Enter a specialty to search for doctors:
Cardiology
Doctors with specialty Cardiology:
ID: 1
Name: Dr. Smith
Age: 45
Experience: 20
Qualification: MD
Speciality: Cardiology

ID: 4
Name: Dr. Raj Kousik
Age: 45
Experience: 10
Qualification: MD
Speciality: Cardiology

Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
|
```

Adding New Doctor

```
D:\PresidioTraining\Day4\Firs  X  +  v  -  □  X

Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
3
Enter the details of the new doctor:
ID:
5
Name:
Vijay
Age:
47
Experience:
10
Degree:
MBBS
Specialty:
Cardiology
New doctor added successfully!

Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
|
```

Viewing Doctors

```
D:\PresidioTraining\Day4\Firs  X  +  v  -  □  X

Age:    40
Experience:    15
Qualification:    MBBS
Speciality:    Pediatrics

ID:    4
Name:    Dr. Raj Kousik
Age:    45
Experience:    10
Qualification:    MD
Speciality:    Cardiology

ID:    5
Name:    Vijay
Age:    47
Experience:    10
Qualification:    MBBS
Speciality:    Cardiology

Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
|
```

```
Microsoft Visual Studio Debu  X  +  v  -  □  X

ID:      4
Name:    Dr. Raj Kousik
Age:     45
Experience: 10
Qualification: MD
Speciality: Cardiology

ID:      5
Name:    Vijay
Age:     47
Experience: 10
Qualification: MBBS
Speciality: Cardiology

Menu:
1. View all doctors
2. Search doctors by specialty
3. Add new doctor
4. Exit
Enter your choice:
4

D:\PresidioTraining\Day4\FirstFullSolutions\DoctorApplication\bin\Debug\net6.0\DoctorApplication.exe (process 11856) exited with code 0.
Press any key to close this window . . .
```