

Assignment 4: Write a script that creates a directory named TestDir and inside it, creates ten files named File1.txt, File2.txt, ... File10.txt. Each file should contain its filename as its content (e.g., File1.txt contains "File1.txt").

```
mkdir Testdir
```

```
cd Testdir
```

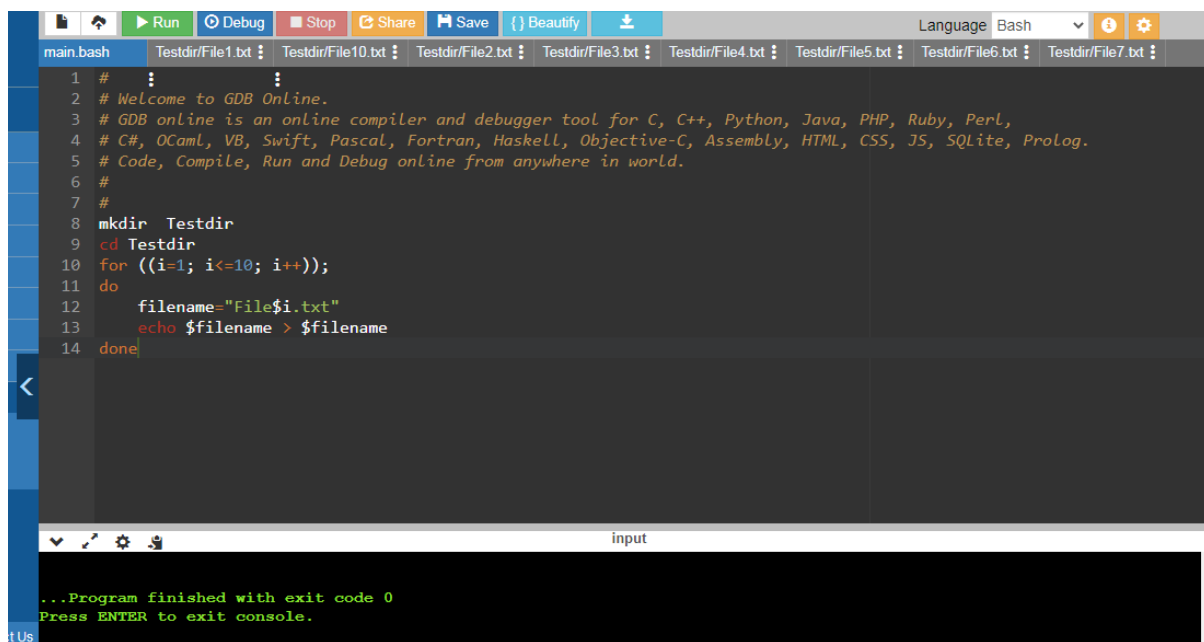
```
for ((i=1; i<=10; i++));
```

```
do
```

```
    filename="File$i.txt"
```

```
    echo $filename > $filename
```

```
done
```



The screenshot shows a web-based IDE interface for GDB Online. The top toolbar includes buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Bash. The console window displays the following script being executed:

```
1 #  
2 # Welcome to GDB Online.  
3 # GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,  
4 # C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.  
5 # Code, Compile, Run and Debug online from anywhere in world.  
6 #  
7 #  
8 mkdir Testdir  
9 cd Testdir  
10 for ((i=1; i<=10; i++));  
11 do  
12     filename="File$i.txt"  
13     echo $filename > $filename  
14 done
```

At the bottom of the console, a message indicates the program finished successfully: "...Program finished with exit code 0. Press ENTER to exit console."