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Sec : 4



The image shows a screenshot of a Java IDE. The top toolbar includes icons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The language is set to Java. The editor displays a file named 'Main.java' with the following code:

```
1
2 import java.util.Scanner;
3 public class Main
4 {
5     public static void main (String[]args)
6     {
7         int num = 0;
8         int reversenum = 0;
9         System.out.println ("enter the number to be reversed: ");
10
11         Scanner in = new Scanner (System.in);
12
13         num = in.nextInt ();
14
15         while (num != 0)
16         {
17             reversenum = reversenum * 10;
18             reversenum = reversenum + num % 10;
19             num = num / 10;
20         }
21
22         System.out.println ("Reversed number is: " + reversenum);
23     }
24 }
25
```

Below the editor is a console window titled 'input'. It shows the program's execution:

```
enter the number to be reversed:
1234
Reversed number is: 4321

...Program finished with exit code 0
Press ENTER to exit console.
```

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Code :

```
import java.util.Scanner;

public class Main
{
    public static void main (String[]args)
    {
        int num = 0;
        int reversenum = 0;

        System.out.println ("enter the number to be reversed: ");

        Scanner in = new Scanner (System.in);

        num = in.nextInt ();

        while (num != 0)
        {
                                reversenum = reversenum * 10;
                                reversenum = reversenum + num % 10;
                                num = num / 10;

        }

        System.out.println ("Reversed number is: " + reversenum);
    }
}
```