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Write a program that outputs ten lines of the 5 times table multiplied by the range with the middle value entered by the user.

	Type	**Declaration Statements**	**Loop**
Input variable	int	int num	for(int I = 1 ; I <= 10 ; I++)
Output variable	int	int product	

Design the CONSOLE OUTPUT below. This page MUST be signed by a teacher before using a computer or 0/10.	5 Times Table

Title →

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Expected output (in table format, centered)

```
                              5 Times Table
        The number YOU enter will be the fifth value in a range of ten that is to be multiplied by 5

        Please enter an integer:
        7

                        5   times      3   =      15
                        5   times      4   =      20
                        5   times      5   =      25
                        5   times      6   =      30
                        5   times      7   =      35
                        5   times      8   =      40
                        5   times      9   =      45
                        5   times     10   =      50
                        5   times     11   =      55
                        5   times     12   =      65
```

	Loop variable values	Answer variable values
Based on the information entered on the previous page specify the start and stop value of the loop		If the number the user input was 5...
	1	num = 1, product = 5
	2	num = 2, product = 10

Start value	Stop value
1	10

Loop variable values	Answer variable values
3	num = 3, product = 15
4	num = 4, product = 20

In the box below write the code for the loop which will output the calculation
result table including any output statements

Loop variable values	Answer variable values
5	num = 5, product = 25
6	num = 6, product = 30

```
for (    int I = 1        ;          I <= 10             ;      I++       )
{
   num += 1;
   println(5 + "\t" + "times" + "\t" + num + "\t" + "=" + product);
   /*
   Earlier in the program I'll do num -= 5 so it can start from the
   lowest value and this will work
   */
}
```

Loop variable values	Answer variable values
7	num = 7, product = 35
8	num = 8, product = 40
9	num = 9, product = 45
10	num = 10, product = 50

Additional instructions:
1. **Prepare and submit the plan prior to working on a computer**
2. **Any errors in your logic can be corrected when creating the program. The plan does not need to change.**