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Write a program that prints the even numbers from 1 to 20.

Program In C

C

```c
#include <stdio.h>

int main() {
    int i;
    for (i = 2; i <= 20; i += 2) {
        printf("%d\n", i);
    }
    return 0;
}
```

Explanation:

- In this program, we initialize i to 2 since it is the first even number within the desired range.
- The loop condition i <= 20 ensures that the loop continues until i reaches or exceeds 20.
- We increment i by 2 in each iteration using i += 2, which guarantees that i remains an even number.

Output:

Output

```
2
4
6
8
10
12
14
16
18
20
```

Program In Java

Java

```java
public class EvenNumberPrinting {
    public static void main(String[] args) {
        for (int i = 2; i <= 20; i += 2) {
            System.out.println(i);
        }
    }
}
```

Explanation:

1. public class EvenNumberPrinting: This line declares a public class named EvenNumberPrinting.
2. public static void main(String[] args): This is the main method that serves as the entry point of the program.
3. for (int i = 2; i <= 20; i += 2) { ... }: This is a for loop that initializes the loop counter i to 2, executes the loop body as long as i is less than or equal to 20, and increments i by 2 in each iteration.
4. System.out.println(i);: This line prints the value of i followed by a newline character.

Output

```
2
4
6
8
10
12
14
16
18
20
```

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