## Write a program to print the following pattern.

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## WAP to print even numbers from 101 to 200. #include <stdio.h> int main() { int num; printf("Even numbers from 101 to 200:\n"); for (num = 102; num <= 200; num += 2) { printf("%d ", num); } return 0; }</pre>

```
WAP to print the sum of the following harmonic series for a given value of n.: 1 + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \dots + \frac{1}{n}
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\label{eq:stdio.h} \begin{tabular}{ll} \begi
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```
#include <stdio.h>
int main() {
    int i, num, temp;
        printf("Prime numbers from 1 to 200:\n");
    for (num = 1; num <= 200; num++) {
        temp = 0; // Reset temp for each number

        for (i = 1; i <= num; i++) {
            if (num % i == 0) {
                 temp++;
            }
        }
        if (temp == 2) {
                printf("%d ", num);
        }
    }
    return 0;
}</pre>
```

WAP to print all prime numbers from 1 to 200.