C programming31 for loop

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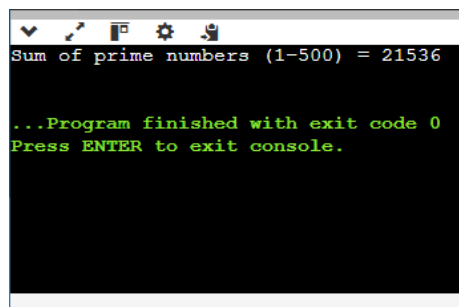
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1 Find out summation of prime numbers between 1 and 500

```c
#include <stdio.h>

int main() {
    int i, j, flag, sum = 0;

    for (i = 2; i <= 500; i++) {
        flag = 1;
        for (j = 2; j <= i / 2; j++) {
            if (i % j == 0) {
                flag = 0;
                break;
            }
        }
        if (flag)
            sum += i;
    }
    printf("Sum of prime numbers (1{500) = %d\n", sum);
    return 0;
}
```

Figure 1: Enter Caption