```
using namespace std;
bool checkPrime(int n);
int main()
4 5 6 7 8
       int n, i;
bool flag = false;
cout << "Enter a positive
                                                                     integer: ";
       cin >> n;
for (i = 2;
if
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                               " + " << n-i << endl;
      if (!flag)
    cout << n << " can't be expressed as sum of two prime numbers.";
return o;</pre>
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// Check prime number
bool checkPrime(int n)
int i;
bool isPrime = true;
// o and 1 are not prime numbers
if (n == 0 | | n == 1) {
   isPrime = false;
}

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              else
                         for(i = 2; i <= n/2; ++i) {
    if(n % i == 0) {
        isPrime = false;
        break;
                return is Prime;
       1
```

C:\Users\ASUS\Documents\sum of primes.exe

```
Enter a positive integer: 34

34 = 3 + 31

34 = 5 + 29

34 = 11 + 23

34 = 17 + 17
```

Process exited after 5.159 seconds with return value 0
Press any key to continue . . . _