

LAB MANUAL 6:  
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ME-15-B

HOME TASK 1:

```
#include <iostream>

using namespace std;

int main(){

    int x,y,i,f=0,sum=0;

    cout<<"enter the first number";

    cin>>x;

    cout<<"enter last number";

    cin>>y;

    while(x<=y){

        f=0;

        for(i=2;i<=x/2;i++){

            if(x%i==0){

                f=1;

                break;

            }

        }

        if(f==0){

            sum=sum+x;

        }

        x=x+1;

    }

    cout<<sum<<endl;

    return 0;

}
```

```
"L:\lab manual 6\bin\Debug\lab manual 6.exe"
enter the first number1
enter last number50
329

Process returned 0 (0x0)   execution time : 2.807 s
Press any key to continue.
```

## HOME TASK 2:

```
#include <iostream>

using namespace std;

int main(){

    int rows;

    cout<<"enter the number of rows";

    cin>>rows;

    for(int i=1;i<=rows;i++){

        for(int j=1;j<=i;j++){

            cout<<j;

        }

        cout<<endl;

    }

    return 0;

}
```

```
"L:\lab manual 6\bin\Debug\lab manual 6.exe"
enter the number of rows5
1
12
123
1234
12345
Process returned 0 (0x0)   execution time : 2.128 s
Press any key to continue.
```

### HOME TASK 3:

```
#include <iostream>
using namespace std;
int main(){
    int rows;
    cout<<"enter the number of rows";
    cin>>rows;
    int x=0;
    for(int i=2;i<=rows;i++){
        for(int j=2;j<=i;j++){
            cout<<x;
        }
        x+=2;
        cout<<endl;
    }
    return 0;
}
```

```
"L:\lab manual 6\bin\Debug\lab manual 6.exe"  
enter the number of rows6  
0  
22  
444  
6666  
88888  
Process returned 0 (0x0)   execution time : 0.872 s  
Press any key to continue.
```