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Lab #4

A4)

```
#include <iostream>

using namespace std;

int main()
{
int i,j;
for (i=0;i<5;i++){
    for (j=3;j>0;j--){
        cout<<(i*j)<<" ";
    }
}
    ;return 0;
}
```

B2)

```
#include <iostream>
#include<cstdlib>
#include<ctime>

using namespace std;

int n;
int die (int n);

int main()
{
srand (time(0));
cout<<"enter n";
cin>>n;
int result=(rand()%n)+1;
return result;

}
```

B4)

```
#include <iostream>

using namespace std;
```

```
bool is_even(int n){
    if (n%2==0){
        return true;
    }
    else{
        return false;
    }
}

int main()
{
int k;
cout<<"enter k";
cin>>k;

cout<<is_even(k);


return 0;
}
```

B6)

```
#include <iostream>

using namespace std;



bool is_even(int n){
    if (n%2==0){
        return true;
    }
    else{
        return false;
    }
}

int evens_between(int n,int m){
    int j;
    for(int k=n;k<=m;k++){
        if (is_even(k)==true){
```

```
            ++j;

        }
    }
return j;

}



int main()
{
int l,t;
cout<<"input l";
cin>>l;
cout<<"input t";
cin>>t;

cout<<evens_between(l,t);

    return 0;
}
```