

```
function y=question1(n)
```

```
temp=0;
```

```
for i=1:floor(n/2)
```

```
    if n/i==round(n/i)
```

```
        temp=temp+i;
```

```
    end
```

```
end
```

```
y=(temp==n);
```

```
end
```

```
function y=question2(n)
```

```
y=ones(2*n-1);
```

```
for i=2:n
```

```
    y(i:2*n-i,i:2*n-i)=y(i:2*n-i,i:2*n-i)+1;
```

```
end
```

```
end
```