

Assignments

Q1. Create Lambda function to find out power of passed number.

```
-> import math.
```

```
power = lambda a: Math.issqrt (a)
```

```
print ("Power of Entered Number is: ", power (110))
```

```
output:
```

```
Power of entered number is 10.
```

Q2. Create lambda function with two parameters to find power of the number where 2nd number is power of first.

```
->
```

```
import math
```

```
power = lambda a, b: a**b
```

```
print (power (a = (2), b = (3))
```

```
Output: 8
```

Q3. Create lambda function to find out entered no is positive negative.

```
->
```

```
num = lambda a: "Positive" is a>0 else "Negative".
```

```
print (num (-1))
```

```
output: negative
```

Q4. Create lambda find out to find out biggest between two number.

```
-> num = lambda a, b: "A is big" if a>b else "B is big"
```

Q5. Create lambda find out to find out entered number is even or odd.

```
-> num = lambda a: "Even" if a % 2 == 0 else "Old Number")
```

```
print (num(3))
```

```
Output: odd number
```

Q6. Create lambda function to find Cube of a number.

```
-> num = lambda a: a***
```

```
print (num (3))
```

```
Output:27
```

Q7. Create lambda function to find out eligibility of age.

```
->age = lambda a: "You are Not Eligible" if a<18 else "You are Eligible"
```

```
print (age (17))
```

```
Output: you are not eligible.
```