

Problem 1:

1. Identify the base case(s) of function puzzle(..)

The base cases of the given function are:

```
if (base > limit), return -1;
```

And

```
if (base == limit), return 1;
```

2. Identify the recursive case(s) of function puzzle(..)

```
if (base < limit), return base * puzzle(base + 1, limit);
```