

Day 3

Sqrt(x)

```
while (l <= r)
{
    mid = (l + (r - l) / 2)
    If (mid * mid == num) {
        return mid;
    }
    if (mid * mid < x) {
        ans = mid
        l = mid + 1
    }
```

else

```
    right = mid + 1
}
return ans;
```

Approach

using Binary search
we are just checking
 $mid * mid == (\text{given no})$.

~~or~~ and returning
mid or ans.

Day 3

Some concepts of Dbms in 30min.
Binary search Questions.