

```
const SIZE: u8 = 8;
```

```
for y:u8 in 0..<SIZE {
  for x:u8 in 0..<SIZE {
    print!("{}", x);
  }
  println();
}
```

if (

) print("xx")  
print("...")

```
** ** *
```

```
*****
```

```
*****
```

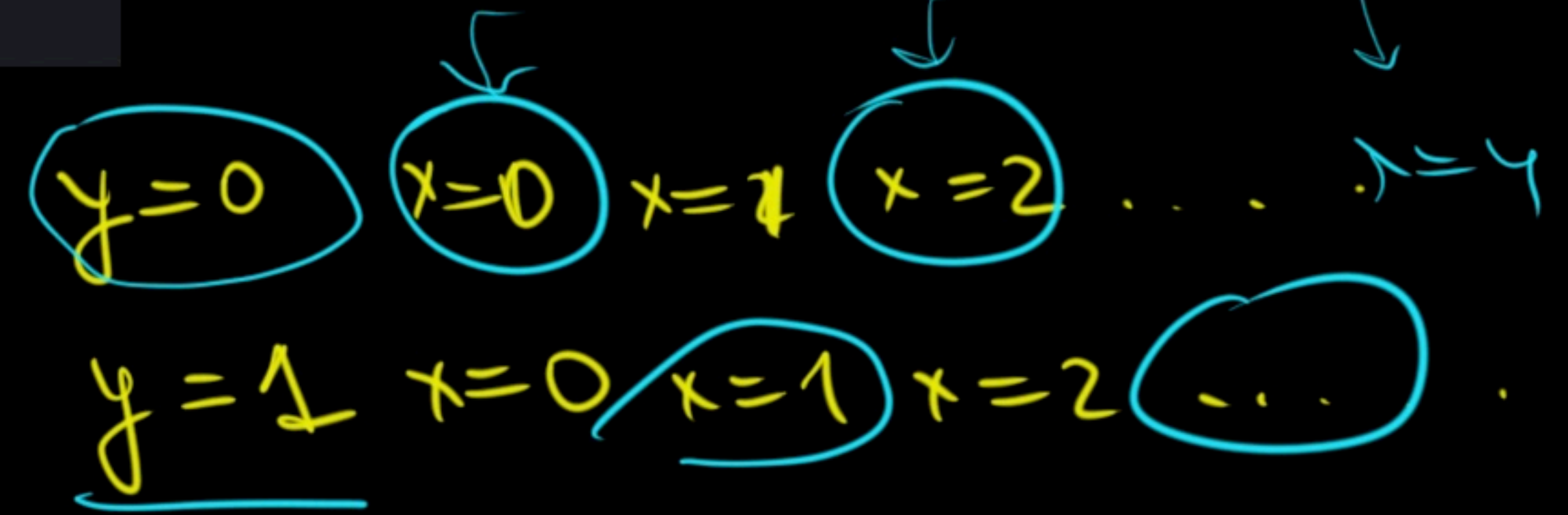
```
*****
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```



```
if y == 0 {
  if x % 2 == 0 {
    print!("{}", x);
  } else {
    print("");
  }
} else {
  print!("{}", x);
}
```



```

**  **  **  **
   **  **  **  **
**  **  **  **
   **  **  **  **
**  **  **  **
   **  **  **  **
**  **  **  **
   **  **  **  **

```

```

for y:u8 in 0..<SIZE {
  for x:u8 in 0..SIZE {
    if y % 2 == 0 {
      if x % 2 == 0 {
        print!("{}",);
      } else {
        print!(" ");
      }
    } else {
      if x % 2 != 0 {
        print!("{}",);
      } else {
        print!(" ");
      }
    }
  }
  println();
}

```

$y = 0, 2, 4, 6$   
 $x = 0, 2, 4, 6$   


---

0 4 8 12  
2 6 10

$y = 1, 3, 5, 7$   
 $x = 1, 3, 5, 7$   


---

2 6 10 14  
4 8 12  
6 10

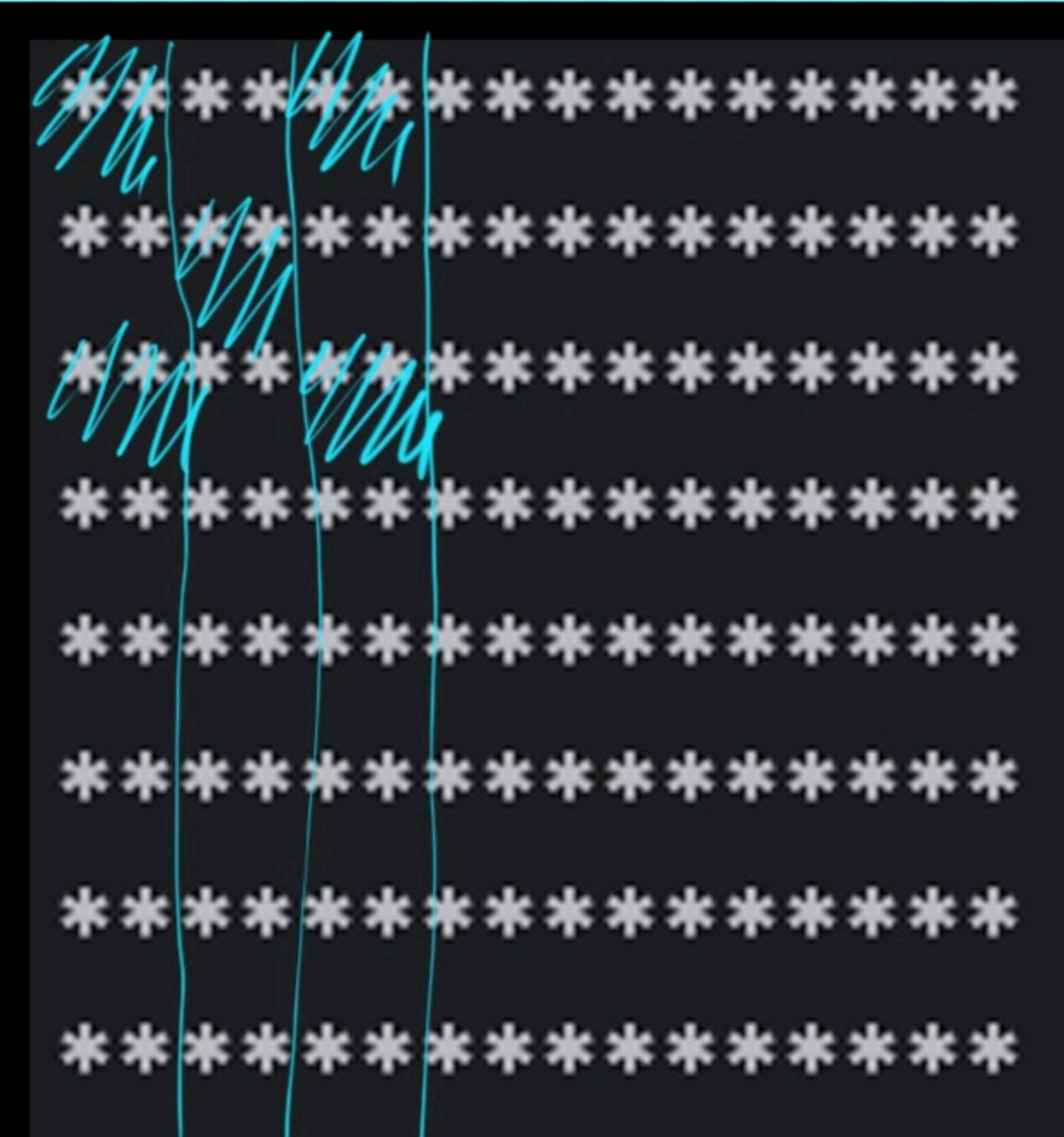
x x x x x

```

if (x + y) % 2 == 0 { "*" } else { " " };

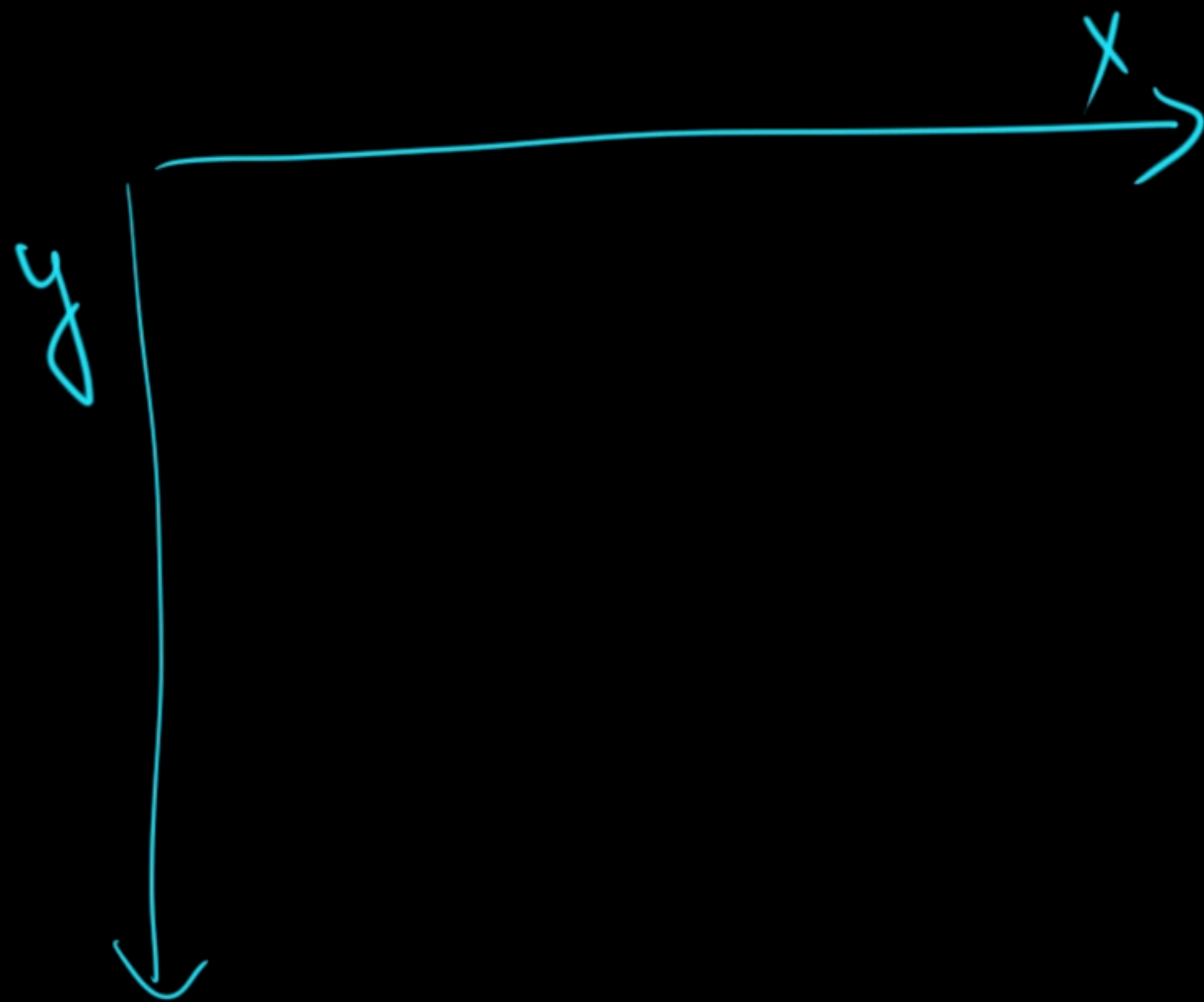
```





```
for y:u8 in 0..<SIZE {
    for x:u8 in 0..<SIZE {
        print!("{}",)
    }
    println!();
}
```

$y=0$      $x=0$      $x=2$      $x=4$      $x=6$   
 $y=1$              $x=1$      $x=3$              $x=5$              $x=7$



```
const SIZE: u8 = 8;

for y:u8 in 0..SIZE {
    for x:u8 in 0..SIZE {
        let s:&str = match x + y {
            sum:u8 if sum % 2 == 0 => "**",
            _ => " ",
        };
        print!("{}", s);
    }
    println!();
}
```