

the null safety importance is prevents errors that result from unintentional access of variables set to null

For examples

1-Type promotion

```
void main() {  
  int? age;  
  age = null;  
  print("Age is $age");  
}
```

2-Flow analysis

```
int checkValue(int? someValue) {  
  if (someValue == null) {  
    return 0;  
  }  
  
  return someValue.abs();  
}
```

3-Null-aware Operators

```
- void main(){  
  
  var universityname;  
  universityname = universityname; ?? "Alexandria Unviersity";  
  print(universityname);  
}
```

```
-void main(){  
  i var wednesday;  
  next ??= wednesday;  
  print('next appointment: $next');  
  
  }  
}
```

```
-void main(){  
  int? stringLength(String? nullableString) {  
    return nullableString?.length;  
  }  
}
```

```
- void main(){  
  
  makeCoffee(String coffee, [String? dairy]) {
```

```

        if (dairy != null) {
            print('$coffee with $dairy');
        } else {
            print('Black $coffee');
        }
    }
}

```

```

-void main(){
    Universityname ? newUniversityname
    var universityname;
    universityname = newUniversityname;
    ?..name ='Alexandria Unviersity'
    ..num = 100000;

}
class Universityname {
    String? name;
    int? num;
}

```

```

-void main(){
    List<int> lowerNumber;
    print(lowerNumber?[1]);
}

```

```

- void main(){
    List<int> lowerNumber = [1,2,3,4,5];
    List<int> upperNumbers = [6,8,9,0];
    lowerNumber = [...lowerNumber,...?upperNumbers];
    print('numbers are ${lowerNumber}');

}

```