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1 R18.1

A type parameter is a parameter That gives the type of a generic class is using in some way. An example of an type parameter is the underlined section of ArrayList<String>example=new ArrayList<>(); The second block of ¡¿ is implicitly assigned to string as well so a type parameter is not needed

2 R18.2

The difference between a generic class and a regular class is that a generic class takes a type parameter and a regular class does not. Generic class are useful when dealing with data structure's so you don't have to write a regular class for each possible object that needs to be stored.

3 R18.6

1. Hashmap
2. Treemap
3. Hashtable
4. LinkedHasMap

4 E18.21

```
public static <E> boolean  isPalindrome(ArrayList<E> x) {
 for(int i =0;i<x.size()-1;i++ ){
      if(!(x.get(i).equals(x.get(x.size()-1-i)))){
          return false;
      }
 }
 return true;
 }
```