

Week 3: Basics Review | Week 3 - Tasks Part 1 - Google | editor online dart - Search | RudeIckyTrigger - Replit

https://replit.com/@shaimaafoda/RudeIckyTrigger

RudeIckyTrigger  
shaimaafoda

Run

Search

Files

main.dart

Tools

Ghostwriter | Deployments | Authentication

Chat | Code Search | Console

Database | Docs | Extensions

CPU | RAM | Storage

? Help

main.dart

```
1 import 'dart:io';
2 import 'dart:math';
3
4 void main() {
5   final random = Random();
6   final mynum = random.nextInt(100) + 1; //to start from 1 not 0
7   int counter = 7;
8
9   for (int i = 0; i < counter; i++) {
10    print("enter a number from 1 to 100");
11    int u_answer = int.parse(stdin.readLineSync(!));
12
13    if (u_answer > mynum) {
14      print('too high,try again');
15    } else if (u_answer < mynum) {
16      print('too low,try again');
17    } else {
18      print("excatly !bravoo.");
19      return;
20    }
21  }
22  print("no more trail...good luck ..the number is =$mynum");
23 }
```

Console

```
> dart main.dart
enter a number from 1 to 100
1
too low,try again
enter a number from 1 to 100
2
too low,try again
enter a number from 1 to 100
88
too high,try again
enter a number from 1 to 100
55
too high,try again
enter a number from 1 to 100
99
too high,try again
enter a number from 1 to 100
22
too high,try again
enter a number from 1 to 100
11
too low,try again
no more trail...good luck ..the number is =20
> |
```

Ln 20, Col 6 History

12:07 AM  
7/7/2023



Week 3: Basics Review | Week 3: Tasks Part 1: Google I... | editor online dart - Search | main.dart - RudeIckyTrigger - Re... | palindrome examples - Search

https://replit.com/@shaimaafoda/RudeIckyTrigger#main.dart

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main.dart

```
1 import 'dart:io';
2
3 void main() {
4
5   print('enter any word!...');
6   String user_word = stdin.readLineSync();
7   int start=0; //as an index for first letter ..
8   bool isPalindrome=true;
9   int end=user_word.length-1; //as an index for the last one ..
10  while (start < end) {
11    if (user_word[start]==user_word[end]){
12      isPalindrome=true;
13    }else {
14      isPalindrome=false;
15    } break;
16    start++;
17    end--;
18  }
19
20  if(isPalindrome){
21    print('$user_word is a polindrome ');
22
23  }else {
24    print("$user_word is not a Palindrome");
25  }
26 }
27
```

Ln 26, Col 2 History

Console

```
> dart main.dart
enter any word!...
level
level is a polindrome
> []
```



Week 3: Basics Review x editor online dart - Search x DearUnusualCheckpoint - Replit x Week 3 - Tasks

https://replit.com/@shaimaafoda/DearUnusualCheckpoint

DearUnusualCheckpoint shaimaafoda

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main.dart

```
1 import 'dart:math';
2 import 'dart:io';
3 void main() {
4   while(true){
5     print("press enter to have a new password");
6     stdin.readLineSync();
7     String password= create_password(10); //10 is the lenght of password..
8     print ('you new paasword is $password');
9   }}
10
11 String create_password(int lenght){
12   const uppercase='ABCDEFGHIJKLMNOPQRSTUVWXYZ';
13   const lowercase='abcdefghijklmnopqrstuvwxyz';
14   const numbers='0123456789';
15   const specialChars='!~@#n\$%^&*()?)><:~*-/|';
16
17   final random=Random();
18   String word =uppercase+lowercase+specialChars+numbers;
19
20   String password ='';
21   for (int i=0;i<lenght;i++){
22     int randnum=random.nextInt(word.length);
23     //let's add next chosen char to that chosen before ...
24     password=password+word[randnum]; //password+=password +word[randnum ]
25   }
26   return password;}
27
28
```

Ln 23, Col 59 History

\_ Console x Shell x +

press enter to have a new password

you new paasword is \*gY//+@9yn  
press enter to have a new password

you new paasword is HR3cQLQGh<  
press enter to have a new password

you new paasword is 1o0jpXN<.Y  
press enter to have a new password

you new paasword is 5j\*nbclUm~R  
press enter to have a new password

you new paasword is bs8w7y|Xf<  
press enter to have a new password

you new paasword is jrDzdFy>kw  
press enter to have a new password

you new paasword is (kB%ZLAq/&  
press enter to have a new password

you new paasword is .\*d3CVXH)C  
press enter to have a new password

you new paasword is Pa3.XS0~zu  
press enter to have a new password

you new paasword is UnDI~!o1  
press enter to have a new password

you new paasword is <\$og3<t#Kq  
press enter to have a new password

you new paasword is H@dej4MKUs  
press enter to have a new password

signal: terminated

> |

4:00 PM  
7/7/2023



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```
main.dart
1 void main() {
2   var a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89];
3   var b = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13];
4   var ab = [];
5
6   int i = 0;
7   int j = 0;
8   //lists are sorted so it starts from the smallest number to the greatest
9
10  while (i < a.length && j < b.length) {
11    if (a[i] < b[j]) {
12      i++;
13    } else if (a[i] > b[j]) {
14      j++;
15    } else {
16      if (!ab.contains(a[i])) { //to prevent any duplication ..
17        ab.add(a[i]);
18      }
19      i++;
20      j++;
21    }
22  }
23
24  print('Final list is $ab');
25 }
26 //this code won't work if lists are not sorted
```

Ln 8, Col 69 History

\_ Console

Shell

```
> dart main.dart
Final list is [1, 2, 3, 5, 8, 13]
>
```

1:25 AM  
7/7/2023



