

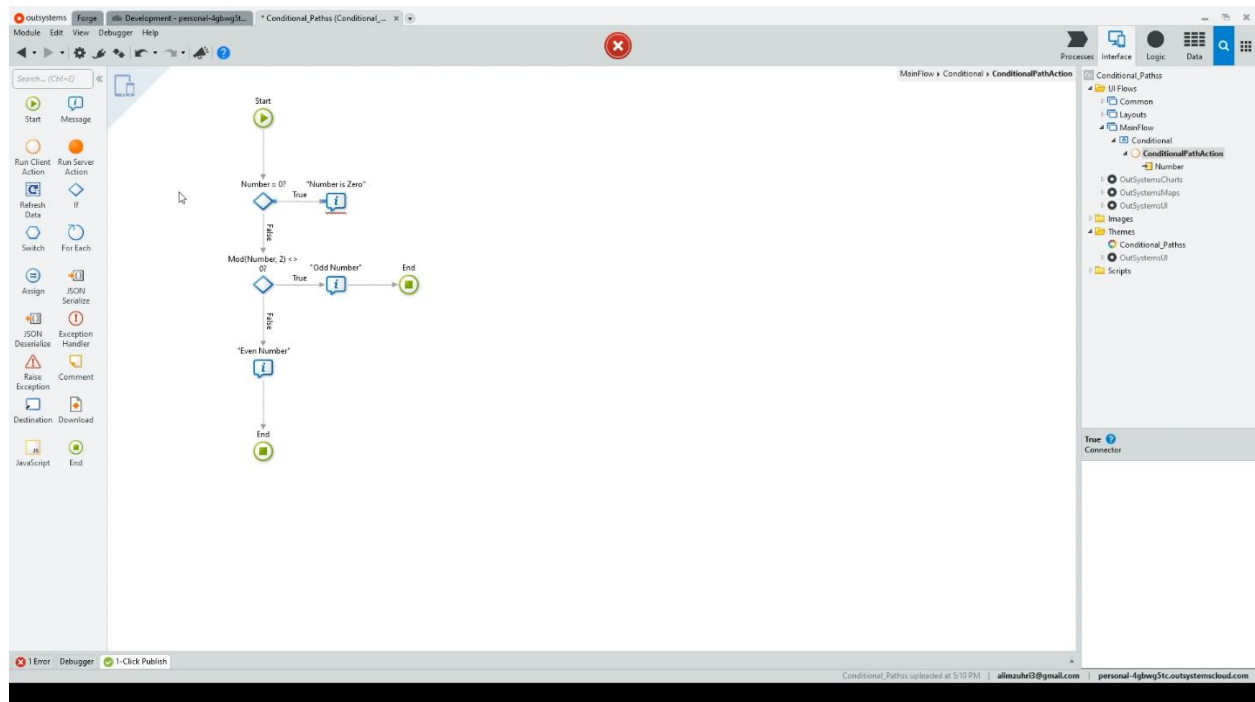
**NAMA : ZUHRI ALIM**

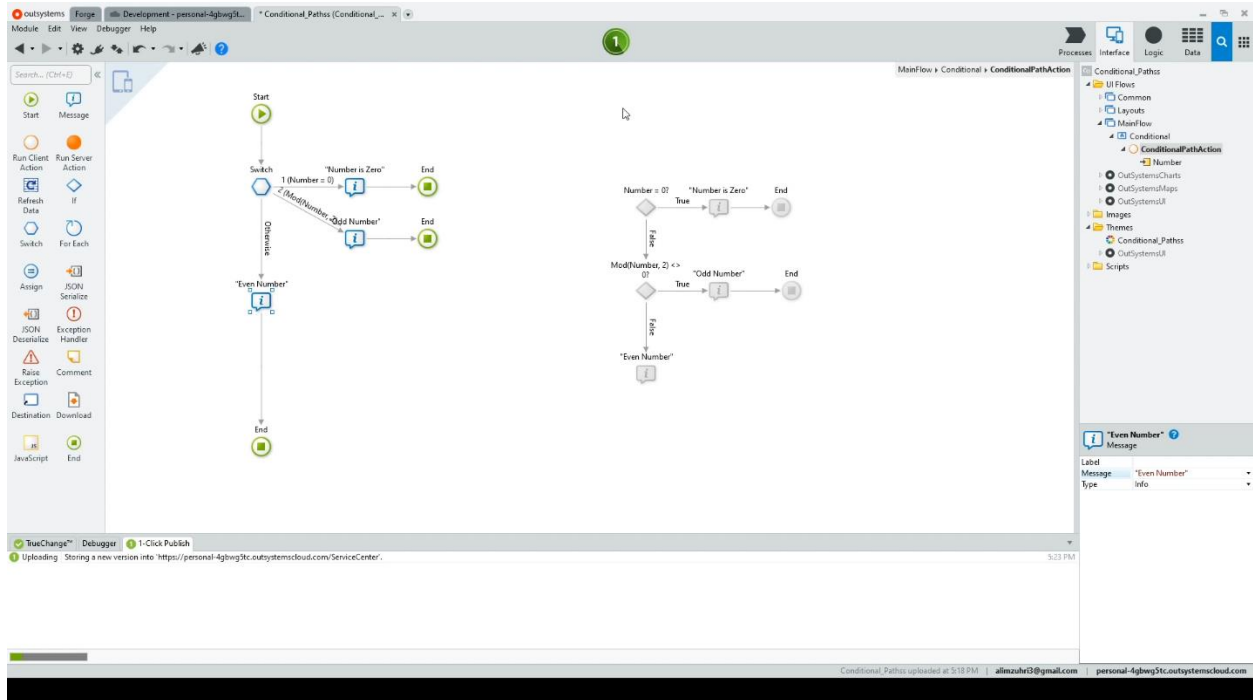
**NIM : 181402028**

**KOM : A**

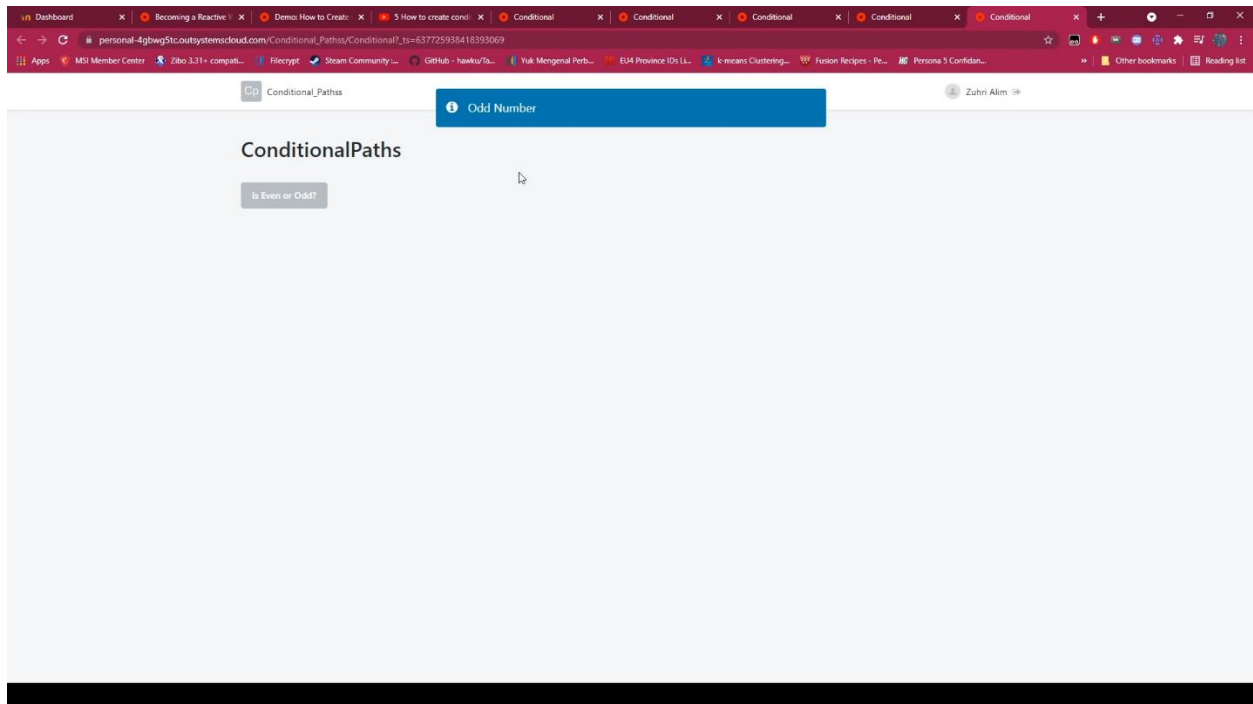
**MATA KULIAH : ENTERPRISE DEVELOPMENT SOFTWARE**

Tampilan logic membuat conditional paths. Sebagai contoh memakai if untuk membuat kondisi, message dan switch. Disini menggunakan conditional paths untuk menentukan apakah bilangan itu ganjil, genap atau nol.

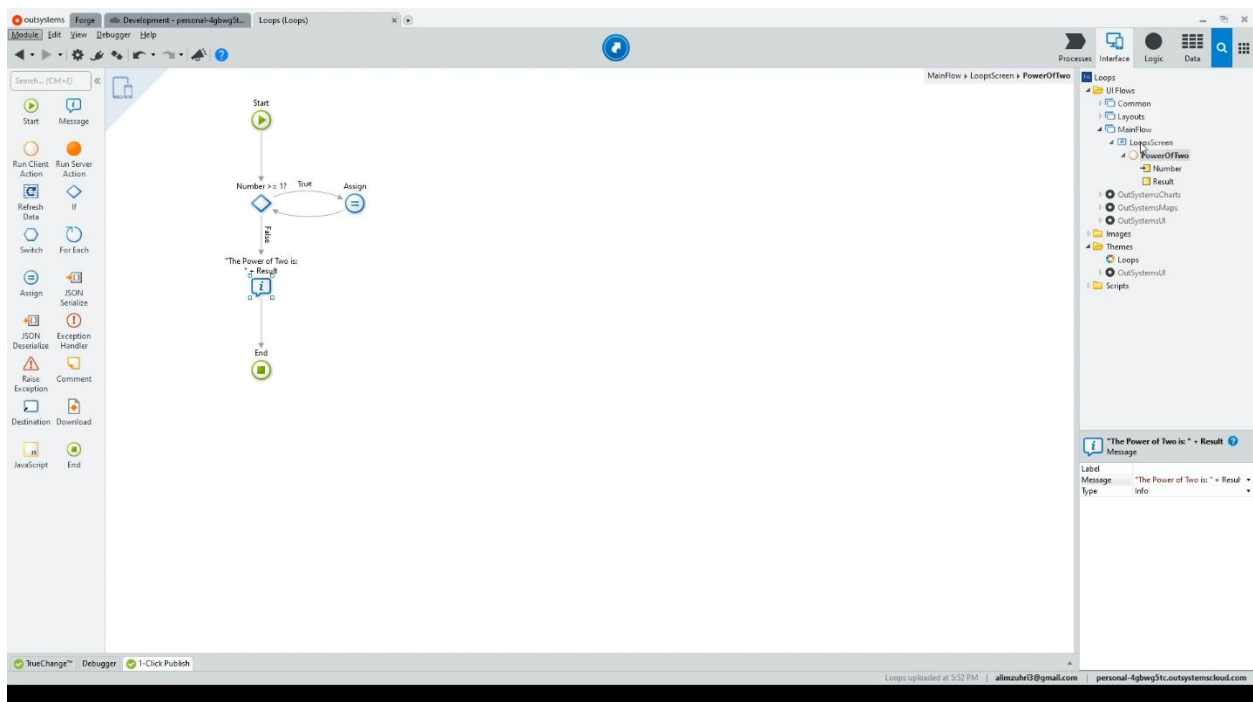
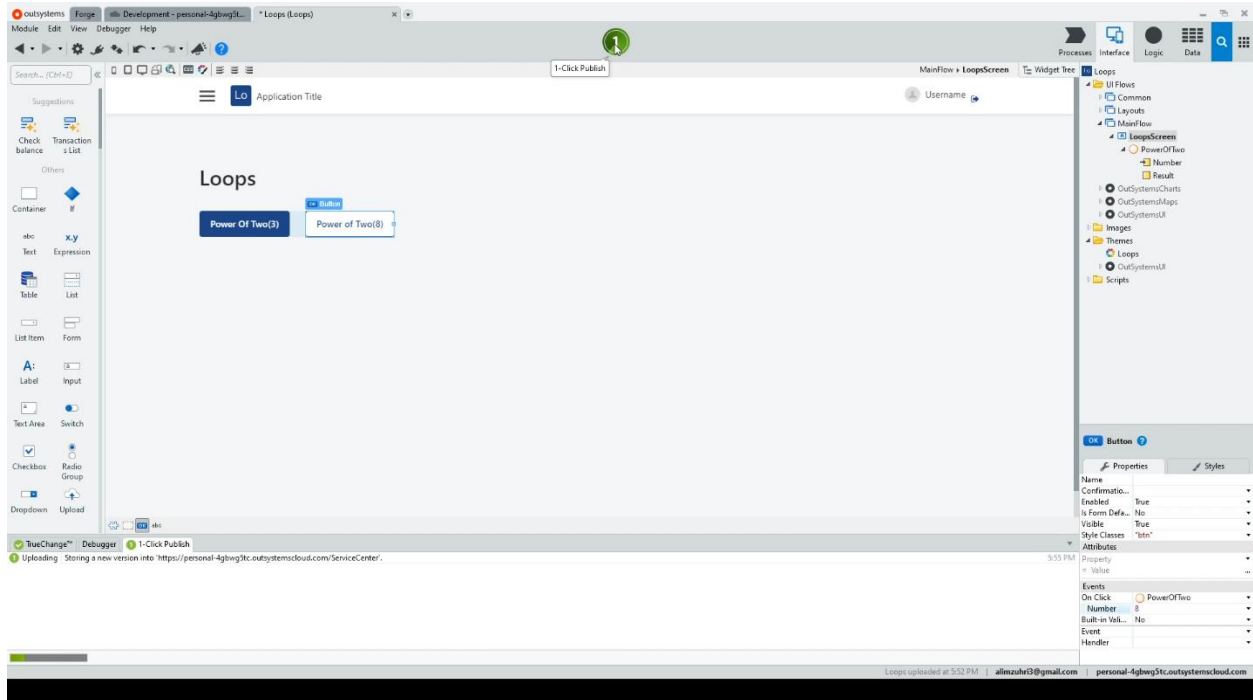




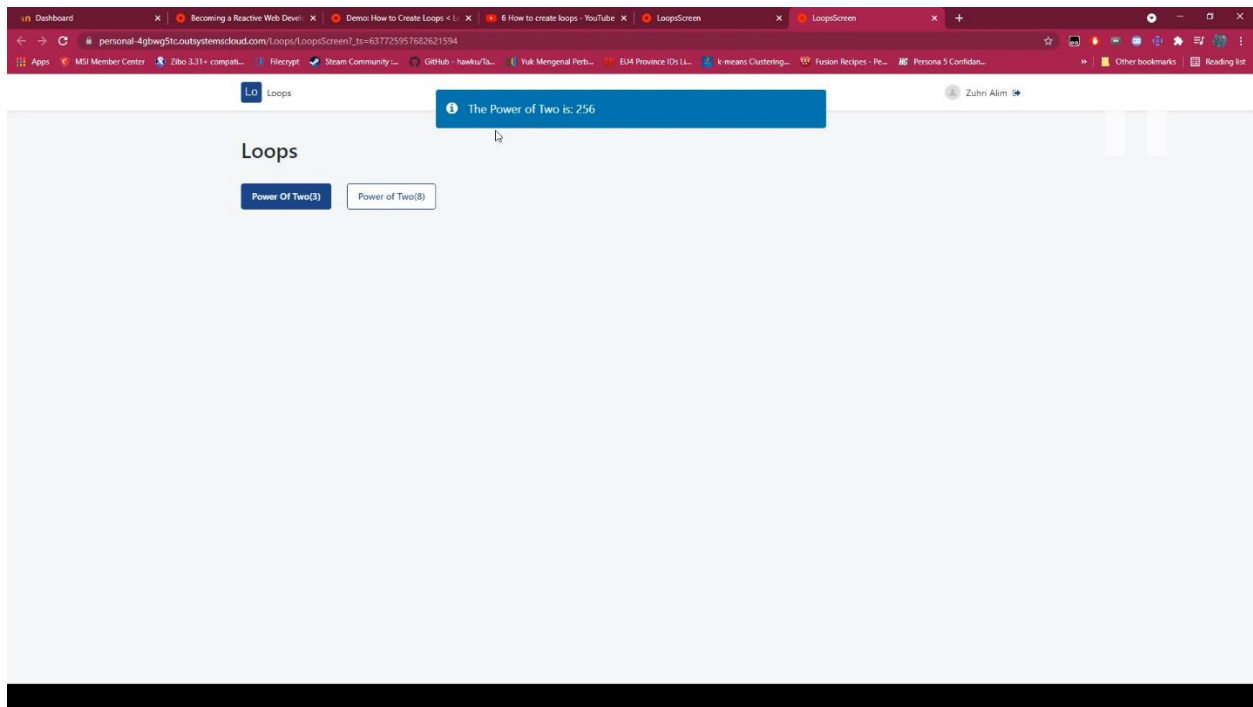
Hasil dari conditional path menentukan bilangan ganjil,genap atau nol.



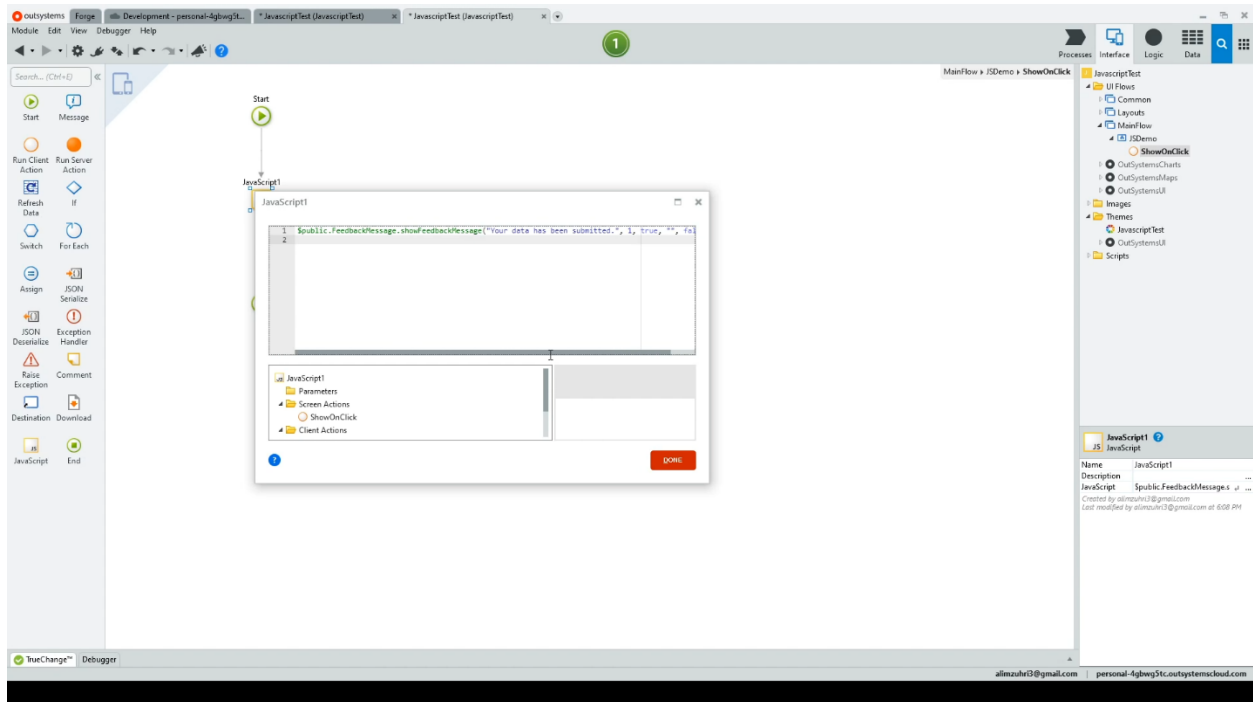
Loops. Loop berguna saat ingin melakukan sebuah perintah yang perlu dijalankan berulang-ulang seperti melakukan perhitungan. Disini contohnya menentukan bilangan pangkat.



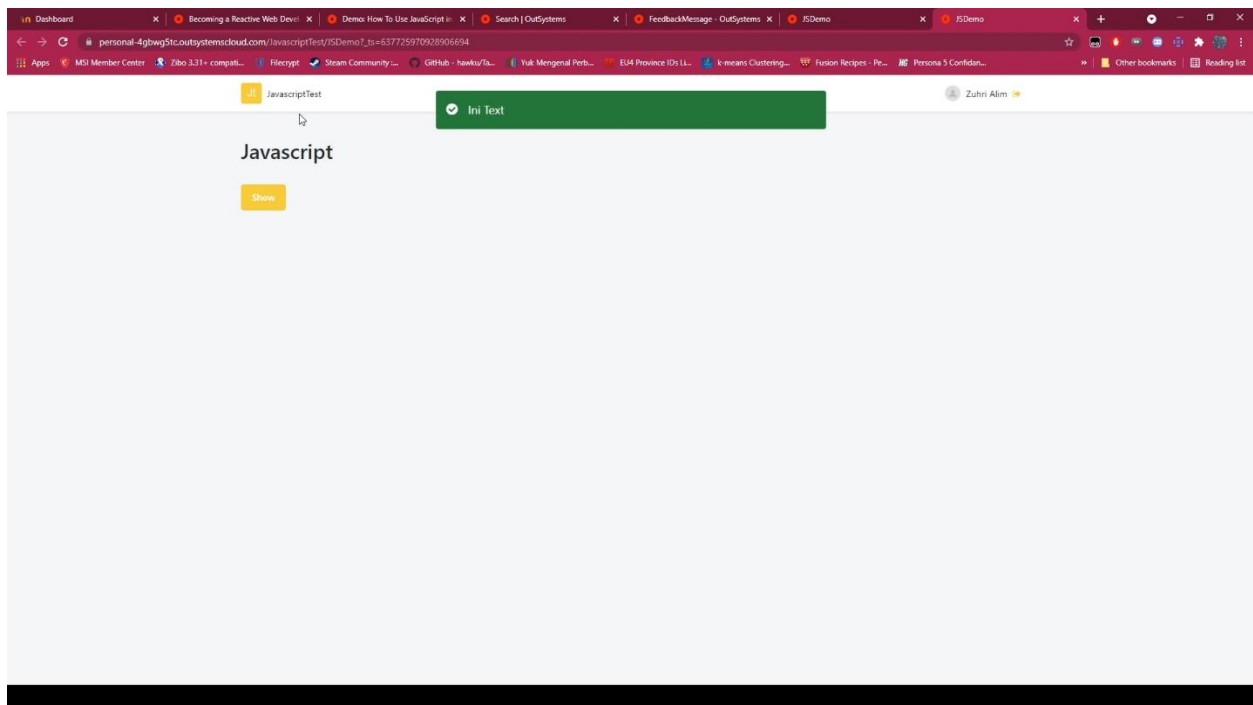
Hasil dari loops menentukan bilangan pangkat. Contohnya 2 pangkat 8 = 256



Javascript. Javascript digunakan pada website agar website tersebut menjadi lebih interaktif dan dinamis. Disini contoh menampilkan pesan feedback.



Hasilnya pesan feedback akan muncul jika tombol ditekan



Fetch data dalam Aggregate dari database.

The screenshot shows the OutSystems Studio interface. The main workspace displays the 'Aggregate1' component configuration. The 'Sources' tab is active, showing a table of customer data. The 'Customers' entity is selected as the source. The table has columns: Name, Email, Address, and PhoneNumber. The data rows are:

Name	Email	Address	PhoneNumber
Zuhri	saye@test.com	rumah 220	
Put	hehe@test.com	rumah 300	
kelwi	kei@test.com	rumah 400	
push	uu@test.com	um 22	
slrip	jjo@test.com	rumah lu 22	

The right sidebar shows the 'Customers' entity details, including its name, description, and properties.

Filter data dalam Aggregate. Filter berguna untuk menyaring data yang banyak agar mudah dalam mencari data, mengkategorikan data atau juga mengelompokkan data berdasarkan apa yang kita inginkan.

The screenshot shows the OutSystems Studio interface. The main workspace displays the 'Aggregate1' component configuration. The 'Filters' tab is active, showing a table of customer data. The 'Customers' entity is selected as the source. The filter condition is 'Customers.Email like %\*.com'. A dialog box is open showing the details of the filter condition.

The filter condition is: **Customers.Email like %\*.com**

The dialog box shows the condition details:

- Entity: Customers
- Attribute: Email
- Operator: like
- Value: %\*.com
- Description: Email entity attribute : data type Email (Read Only)
- No Description
- Is Mandatory: No

The status bar at the bottom indicates: 'The expression is ok (Type: Boolean)'.

Sort data dalam Aggregate. Sort digunakan untuk mengurutkan data seperti ascending atau descending.

The screenshot shows the 'GetCustomers' aggregate configuration in the outsystems Forge. The 'Sorting' section is set to 'Customers.Name' in 'Ascending' order. The data table shows customer records sorted by name.

Customers	Customers	Customers	Customers	
Name	Email	Address	PhoneNumber	
Flipstorm	NinaLaird@einvrot.com	96 Cambridge Street		
Innojam	AnthonyPHowell@dayrep.com	68061 Portage Junction		
Photofeed	DonaldKummings@teleworm.us	68062 Justbe		
Youopia	FaithHWhite@hyta.com	7600 Cottonwood Drive		
Zuhri	sayo@test.com	Padang Bulan		

Test Values dalam Aggregate.

The screenshot shows the 'GetCustomers' aggregate configuration in the outsystems Forge. The 'Test Values' section is set to 'Domain' with the value '.com'. The data table shows customer records filtered by domain.

Customers	Customers	Customers	Customers	
Name	Email	Address	PhoneNumber	
Zuhri	sayo@test.com	Padang Bulan		
Youopia	FaithHWhite@hyta.com	7600 Cottonwood Drive		
Flipstorm	NinaLaird@einvrot.com	96 Cambridge Street		
Innojam	AnthonyPHowell@dayrep.com	68061 Portage Junction		