**44-542 Object Oriented Programming**

**Java Regex**

1. Write a regular expression that validates the phone number in below formats

* (123)4567890
* 123-456-7890
* (123)456-7890
* 1234567890

|  |  |
| --- | --- |
| Phone Number Format | Regular Expression |
| (543)1234567 |  |
| 5431234567 |  |
| 543-123-4567 |  |
| (543)123-4567 |  |
| (543)1234567 or (543)123-4567 |  |

1. Write a regular expression to validate the SSN.

|  |  |
| --- | --- |
| Phone Number Format | Regular Expression |
| 123-45-6789 / 192837465 |  |

1. Write a regular expression to validate the passwords. (Use your own criteria for the password to validate)
2. Write a regular expression to verify if it contains any of the following words.

* Bat
* Cat
* Rat

1. Write a regular expression that validates person’s name in below formats.

* FirstName LastName
* LastName, FirstName
* LastName,FirstName
* LastName FirstName