# Code Description

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| Sender | Description | Receiver | Description |
| Ser\_mes\_send.py- | Send string via XBee | Ser\_mes\_receive.py | Receive string via XBee |
| Touch\_sensor.py | Test connection of sensor to the Pi | - | - |
| Send\_touch.py | Sensor is touched and data is sent via XBee | Receive\_touch.py | Data is received via XBee |
| RSA.py | Generate key pairs and save it to designated folder | Receive\_rsa.py | Receive public key and save it in a specified folder location |
| Send\_file.py | Send text from a specified folder location | Receive\_file.py | Received data and save it in a specified folder location |
| Sign.py | Sign string and send via XBee | Verify.py | Verify signature from received data |
| Touch\_db.py | Sensor is pressed and data is saved in the database | Touch\_db.py | Sensor is pressed and data is saved in the database to test database from the receiver side |
| Trigger.py | Test the limit implemented to the database and raise an error. | - | - |
| Final\_send.py | Save data, once database trigger is met, sign data and send. | Final\_rec.py | Verify signature and save data in the database, raise an error when database limit is reached. |