BMI learnings :

1. Making apk file . It can be created from Build > build apk ;

2. widget :

   widgets are used to create objects which latter stores the view of an xml object.

   There are many widget present in android studio but those which I have used id listed below :

   TextView
   Button
   ConstrainLayout
   EditText

ImageView

3. findViewById():

   this function used to make java variables points to an xml object or tag

   syntax :

   TextView tv = findViewById(R.id.<id_value>);

   After this we can easily alter the object in xml using java .

   It is similar to document.getElementById(“”);

4. getText():
   this is used with any widget object to get its text value .

it is generally used with editText object to get the entered value . And then to carry on further processing.

5. .toString():

   It used to get the value in the from string.

   It is generally used when we are using getText() function as follow:

```
String s = tv.getText().toString();
```

6. ParseInt():

   It is used when we need to get integer value from the getText() functions.

   Syntax :

```
int value=Integer. parseInt(tv. getText());
```

7. setText():
   it used to set text to the targeted widget object.

   Syntax :

   ```
   tv.setText("hello world");
   ```

8. setBackgroundResouce():
   it used to set background shape , color from java file at the run time of app .

   syntax :

   ```
   tv.setBackgroundResouce(R.drawble.shape1);
   tv.setBackgroundResouce(R.colors.c2);
   ```