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**Lab Work**

**Common Solutions**

* **Increase Gradle Heap Size**
* **Disable Useless Plugins**
* **Adjusting Android Studio memory settings**
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* **Upgrade to latest Android Studio**

**Increase Gradle Heap Size**

Close already opened project in Android studio **(File > Close Project).**

On Welcome window, Go to **Configure > Settings.**

Click **Build, Execution, Deployment**>Compiler.

Change Build process heap size (Mbytes) from 700 to 1024 and Additional build process to VM Options to **-Xmx4096m.**

Apply /Ok .

Restart Android Studio.

**Disable Useless Plugins**

First, click on **File -> Settings -> Plugins**

Now, disable or Check Off all the plugins which not usable for you.

Click **Apply -> OK** and restart Android Studio.

**Adjusting Android Studio memory settings**

We can Adjust our Android Studio memory settings for better performance.

**Appearance & Behavior -> System Settings -> Memory Settings**

**Enable Offline Work**

Open the **Preferences** window by clicking **File > Setting**

In the left pane, click ***Build, Execution, Deployment > Gradle***.

After that check, the **Offline work** checkbox and click **Apply or OK.**

* *Replacing HDD by SSD can also improve the performance of Android Studio.*

**Student’s Individual Work**