1.Explain procedure to create new project in MPLAB software.

### **1.Project Creation**

Open MPLAB X IDE

Close any open projects in MPLAB X IDE by right-clicking on the project name and selecting **Close** or by going to **File** and choosing **Close All Projects**.

### **2. Start Project Creation**

Click the **New Project** Main_New_Project.png icon to start the project creation process

### **3.New Project Window**

Select **“Microchip Embedded”** then **“Standalone Project”**.

### **4.Processor Selection**

Select **“16-bit MCUs (PIC24)”** from the **‘Family’** pull down menu, then select **“PIC18F4550”** from the **‘Device’** menu.

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