**Task #9**

**1.when to use conda and when to use pip**

Pip and conda are package managers commonly used in python programming language. They are tools that help manage and install software libraries.

When to use conda?

We use conda to manage and install software libraries when:

1.managing complex environments

2.installing non python packages

3.data science and scientific computing

When we use pip ?

We use pip when:

1.installing python packages

2.package availability

3.customization and flexibility

In general pip and conda not mutually exclusive as you can use them together for example you can create conda environment and use pip in this environment to install python packages that do not exist in conda environment.

**2.task schedular**

In windows task schedular is a built in feature that allows you schedule and automate tasks in your computer. It provides graphical user interface (GUI) from which you can create, manage and schedule tasks that you want your computer to do at specific time or under specific conditions.

To operate a job follow these steps:

1.open task schedular in your pc

2.crate a new task

3.configure the task settings

4.configure the action

5.set additional settings

6.review and create the task

**3.RPA and its tools**

RPA stands for Robotic Process Automation. It refers to use software robots or bots to automate repetitive tasks and processes within a digital environment. RPA enables organizations to automate manual tasks performed by humans, freeing up human resources for complex and valuable tasks.

There are several applications for RPA in industries and business functions, including finance, human resources, customer service, supply chain management, reduce costs, improve accuracy, and data entry.

**RPA tools**

There are several RPA tools in the market that provide the necessary capabilities to implement, and manage robotic process automation. These tools offer features designing, deploying and monitoring software robots. Some of these tools are:

1. Uipath
2. Automation anywhere
3. Blue prism
4. Piga robotic
5. Kofax