Alarm clock in python Report and code implementation or explanation:

Purpose of this project:

It is no doubt the alarm clock is always handy to alert us whenever we sleep, take a short nap, or to remind us about the work, we always get oblivious about.

The purpose of this project is to implement an alarm clock using python. Python consists of some very innovative libraries such as data time and tkinter which help us to build the project using the current data and time as well as to provide a user interface to set the alarm according to the requirement in 24-hour format.

The second purpose, object of this project that I worked on is that to know and understand better projects in python and how to use GUI (Graphic User Interface), and create GUI application in python.

Explanation:

**Tkinter** module belongs to a standard library of GUI in python. It helps us to create a dialog box with any information that we want to provide or get from the users.

**Datetime** and time module in python helps us to work with the dates and times of the current day when the user is operating python and to manipulate it too.

**Winsound** module provides access to the basic sound playing machinery provided by windows platforms. This is useful to generate the sound immediately when a function is called.

Creat a while loop

**Clock.mainloop() is** the basic and the last command was given to compile all the previous commands with their basic settings of color,font,width,axis,etc. and displays the window as soon as the program is run.

With regards! Aziz Ahmad Afzali your student of 3th semester of BCS