**Notification.py:**

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| --- |
| import pyttsx3 |
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| --- |
| from plyer import notification |
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| --- |
| import time |
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| --- |
| # Speak method |
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| --- |
| def Speak(self, audio): |
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| --- |
| # Calling the initial constructor |
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| --- |
| # of pyttsx3 |
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|  |
| --- |
| engine = pyttsx3.init('sapi5') |
|  |

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| --- |
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| --- |
| # Calling the getter method |
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| --- |
| voices = engine.getProperty('voices') |
|  |

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| --- |
| # Calling the setter method |
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| --- |
| engine.setProperty('voice', voices[1].id) |
|  |

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| --- |
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| --- |
| engine.say(audio) |
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|  |
| --- |
| engine.runAndWait() |
|  |

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| --- |
| def Take\_break(): |
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| --- |
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| --- |
| Speak("Do you want to start sir?") |
|  |

|  |
| --- |
| question = input() |
|  |

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| --- |
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|  |
| --- |
| if "yes" in question: |
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|  |
| --- |
| Speak("Starting Sir") |
|  |

|  |
| --- |
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|  |
| --- |
| if "no" in question: |
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|  |
| --- |
| Speak("We will automatically start after 5 Mins Sir.") |
|  |

|  |
| --- |
| time.sleep(5\*60) |
|  |

|  |
| --- |
| Speak("Starting Sir") |
|  |

|  |
| --- |
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|  |
| --- |
| # A notification we will held that |
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|  |
| --- |
| # Let's Start sir and with a message of |
|  |

|  |
| --- |
| # will tell you to take a break after 45 |
|  |

|  |
| --- |
| # mins for 10 seconds |
|  |

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| --- |
| while(True): |
|  |

|  |
| --- |
| notification.notify(title="Let's Start sir", |
|  |

|  |
| --- |
| message="will tell you to take a break after 45 mins", |
|  |

|  |
| --- |
| timeout=10) |
|  |

|  |
| --- |
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| --- |
| # For 45 min the will be no notification but |
|  |

|  |
| --- |
| # after 45 min a notification will pop up. |
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|  |
| --- |
| time.sleep(0.5\*60) |
|  |

|  |
| --- |
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|  |
| --- |
| Speak("Please Take a break Sir") |
|  |

|  |
| --- |
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|  |
| --- |
| notification.notify(title="Break Notification", |
|  |

|  |
| --- |
| message="Please do use your device after sometime as you have" |
|  |

|  |
| --- |
| "been continuously using it for 45 mins and it will affect your eyes", |
|  |

|  |
| --- |
| timeout=10) |
|  |

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| --- |
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| --- |
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| --- |
| # Driver's Code |
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|  |
| --- |
| if \_\_name\_\_ == '\_\_main\_\_': |
|  |

Take\_break()