

A novel approach towards developing Alexa and email bot using python:-

Abhishek Banerjee, Shaktik Guria, Sourish Haldar, Soumik Das, Subhranil Samanta

ECE, JIS college of engineering Durgapur, India

ECE, JIS college of engineering Howrah, India

ECE, JIS college of engineering Kalyani, Nadia

ECE, JIS college of engineering Coochbehar, India

ECE, JIS college of engineering Purba Medinipur, India

¹Student, JIS College of Engineering, ECE Department, Kalyani, INDIA, 741235,

²Assistant Professor, JIS College of Engineering, ECE Department, Kalyani, INDIA, 741235 Corresponding

Author: Abhishek Banerjee

Submitted: 10-05-2022

Revised: 15-05-2022

Accepted: 18-05-2022

ABSTRACT::

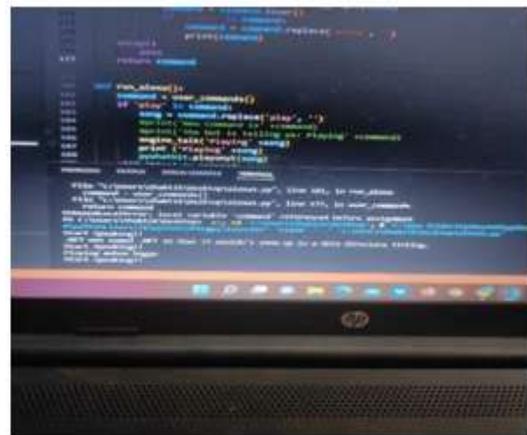
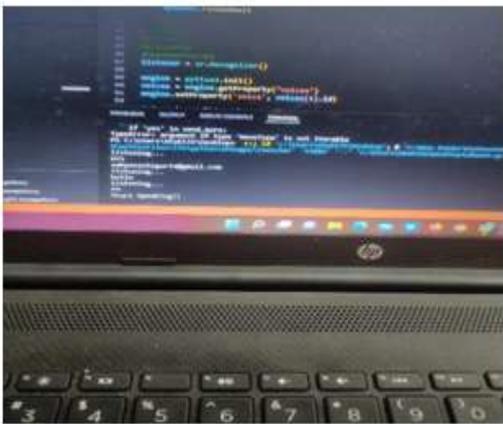
Remote helpers, for example, Amazon Alexa are enigmatically famous nowadays. Anything you really want is only an order away from you. You should simply call Hey Alexa. Well, there's a great deal you can do with your voice aide. You can impart utilizing your voice, pay attention to your main tunes, make shopping records, set cautions, check the climate, set traffic refreshes, and so on. My undertaking is likewise founded on alexa menial helper utilizing python programming. The point of the task is to address our inquiries like it lets us know time, do find out about search, play any irregular YouTube video, reads out any pdf, cracks a joke when asked to and, surprisingly, read out messages too. This is finished utilizing a basic programming VS code rendition 2020.2.

KEYWORDS: Alexa, VS code, virtual collaborator

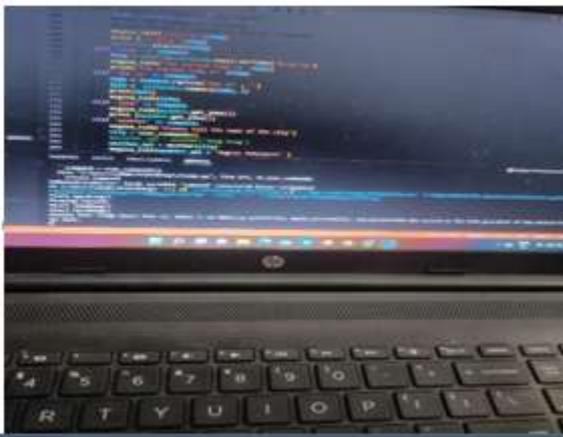
I. INTRODUCTION:

Alexa is Amazon's cloud-put together voice administration accessible with respect to in excess of 100 million gadgets from Amazon and outsider gadget manufacturers. Alexa is the voice A.I. that is open through Echo gadgets. The Amazon Echo is one of a scope of without hands speakers and gadgets from Amazon that can be controlled with your voice. The voice-controlled "individual collaborator" on these gadgets is called Alexa, which will perform different errands for yourself and control different systems. It is equipped for voice cooperation, music playback, making plans for the day, setting cautions, streaming digital recordings, playing book

recordings, and giving climate, traffic, sports, and other continuous data, for example, news. Alexa can likewise control a few shrewd gadgets involving itself as a home mechanization framework. Clients can expand the Alexa abilities by introducing "abilities" (extra usefulness created by outsider merchants, in different settings all the more usually called applications, for example, weather conditions projects and sound elements. It utilizes programmed discourse acknowledgment, regular language handling, and different types of feeble AI to play out these undertakings. 2. Alexa is Amazon's man-made reasoning empowered voice collaborator which is fanning out like quickly and found in robots, vacuum cleaners, and huge number of outsider applications that tap Alexa for voice acknowledgment. Amazon has as of late declared the Alexa application for Android telephones moreover. Alexa is Amazon's cloudput together voice administration accessible with respect to in excess of 100 million gadgets from Amazon and outsider gadget manufacturers. Alexa is the voice A.I. that is open through Echo gadgets. The Amazon Echo is one of a scope of without hands speakers and gadgets from Amazon that can be controlled with your voice. The voice-controlled "individual collaborator" on these gadgets is called Alexa, which will perform different errands for yourself and control different systems. It is equipped for voice cooperation, music playback, making plans for the day, setting cautions, streaming digital recordings, playing book recordings, and giving climate, traffic, sports, and other continuous data, for example, news. Alexa can likewise control a few shrewd gadgets involving itself as a home mechanization



WIKIPEDIA:



EMAIL ID:

JOKE:

IV. CONCLUSION:

Presently by running every one of the projects in VS code and giving out the different required yields portrays that Alexa is answering our questions thus confirming to be a genuine menial helper.

PREVELANCE OF MY ALEXA:

It peruses out any pdf, cracks a joke when asked to and, surprisingly, read out messages too which can help in ongoing developments.

REFERENCES:

- [1]. link for speech_recognition package
Speech_recognition · PyPI https://pypi.org/project/Speech_recognition.
- [2]. link for pywhatkit package
pywhatkit · PyPI <https://pypi.org/project/pywhatkit>
- [3]. <https://developer.amazon.com/enGB/alexa>
- [4]. https://en.m.wikipedia.org/wiki/Amazon_Alexa#:~:text=Amazon%20Alexa%2C%20also%20known%20si