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	ASSIGNMENT - 02
	Title: To demonstrate the use of PAAS tooks
	Ain: To demonstrate the we of Herden PAAS tools Objective:
•	To study I implement use of different PAAS tools To implement I test programs on real doud enve
	Theory: Heroku is a container-based doubt Platform as a Service
	(PAAS). Developers use Hersku to deploy, manage and scale modern appo
	Heroke is July managed, giving developers the freedom to focus on their core product without the distraction of maintaining servers, hardware, or organd infrastructure.
	Herskur provides services, tools, workflows, and pyglot support — all designed to enhance developer productivity.



t supports various languages such as Node Is Ruby, lython, Java, php, Golang, Scola, Clojure.
its API very easy and allows us to perform most tasks win a simple terminal command.
Each application runs in an isolated container, or "dyno", that can be scaled up to run on more proverful dyno, or multiple dyno.
It also spess useful add-one for our applications like the ability to use Postgres, Redis or Apache Kapka in our applications



1	Create an app with "Create upp" button & give it a now
_	Connect to your a repository on Cithur Make Sure your repository has the reg required "Prostile")
-	Your app is accessible at. https://app-nome.herokuapp.co
	Input: Input required by the app.
	Output: Rendered pages as site.
	Stuare: Editor/IDE: Jethrains Pycham Language: Python (Flask) Other: Heroku (LI
	Conclusion:
	Thus we have successfully completed of studied Paas (Heroku) I implemented on real doubt environment.

	Eals:
	What are the different environments supported by your
→	Heroku supports the following languages natively:
	Heroku supports the following languages natively: · Node: is · Java · Scala · Ruby · PHP · Closure · Python · Golang Oth race to see the control of add with the
	Other se wanted environments can be add with the help of brildpacks.
•	What are the features supported by your Paas?. Heroku Runtine - Smart containers, dynos. Heroku Portyres - Reliable & seame pook paggl as a service. Heroku Redis - in-memory, key-value database as a service. Scaling - Both vertically & horizontally. Heroku DX (Development Experience) & OpEx (Operational Experience). Enterprise - Private spaces & more.
3.]	Is your Paas free or needs payment? Heroku offers a free plan I a holly dyno for free with 550 hours/month (1000 hrs/month after adding a payment nethod, still free). This holly dyno has basic spees, anything higher needs payment, which is calculated by the
	Second.