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	ASSIGNMENT 2
•	Title To demonstrate the use of PaaS tools.
	Aim To demonstrate the use of Heroku Paas tools.
	Objective To study & implement use of different Paas took. To implement & test programs on real cloud env.



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	Theory
	Heroku
-	cloud platform as a service provider.
	Supports Ruby Java Mode Scala Clojure PMP
	Pytnon.
	To build our & scale applications.
-	Applications have unique domain used to landed
	HTTP calls to the container (dyno) running
	the program.
_	Each dyno is specad across dyno grid which
	consists of several servers.
	All Heroku's services are hosted on Amazon's
	ECZ platform.
	Heroku Platform
	Runs customes's apps in vistual containers
	executing on reliable runtime environment.
	Scaling instantly by increasing number of dynos
	or changing dyno type.
	Heroku Postgres
-	cloud database (DBaas) service for Heroku
	using PostgreSQL.
	features like connous protection voll backs & high
	availibility.
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	Steps to deploy app on Heroku:
-	Install the Heroku Cli w/ the following command
	(for linux) -> (url https://cli-assets.heroku.com/install.sh sh
-	Run
	-> heroky login
	& login from the opened browser.
	Use the following command to create a new
	арр
	-> heroku apps: create app-name
_	change Directory to the source code & make sure
	it is initialised as a git repo.
-	create a file named 'Procfile' & declare
	the process to be run in the format
1	process-type: command_to_execute
-	Setup remote tracking to heroky with
	-> heroku git: remote -a app-name
	Push code to nevoku e deploy w/
	-> the git push heroky master
	The application is accessible at https:// dpp-ranke/notooky
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	https:// app-name. herokuapp.com.
	·
	Input
	Routes
	Output
)	
	Rendered pages as site.
	Software
	Editor / IDE: PyChasm
	19ther Diarigo Touriscos VI
	Heroku CLI
	Conclusion
	Thus we have successfully completed & studied
	Paas (Heroku) & implemented on real cloud
	environment.
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Carollina (d. S. Salas and Comp.). g	FAQS
Q,	what are the different environments supported
all the appropriation is a consequent to the	by your Paas?
Α.	Heroku supports the following languages natively:
	Mode.js
	PHP
manta e a centra de mantena de la compositiva della compositiva de	Scala
	Puby
	Python
	Mojure
	Java
and the second second second second second	Go
mana garan kamalayi . Kom ali talihiyi 18 oo	orner languages can be sun w/ third party buildpacks.
manager and a second of the se	You can also use Docker images to directly
ang ang ang ang ang pang nanggan sa ang	deploy a containerised application.
	what are the features supported by your Paas?
	Heroku Postgres: pgsql as a service
	Heroku Redis: In-memory key-value store as a service
Suppose and all the County of	Scaling: Born vertical & horizontal.
ang , saging adaptive — in the property can be	Add-ons: Poe-migrated services
enteres and the contract of th	Data clips: data insights from project.
na nativima nazarina, se ir	cilco: Heroky Flow, Pipelines
endsemmendeuersmus internoon van de chatel. He	ait thub integration: connect to a repo & autodeploy
ger en enderen vor de de description de la pape en enderente de	commits pushed to a certain boanch.
ter vangte standestiggelijkersjonstratte 'e strik, vankeers ^{er} e sevel	Extensibility: using community built add on build
quidrand y reprospheration, go require report or 20 in the const	
	paces.