1 LAB 02] UBO: (KAU) 25/2/25
1 LAB 02] UBO KALL 25/2/25 2) Implement build, test, configure & monitor software applie? In DevOps (using flash)
> sudo apt apolate // opdate existing sesources. > sudo apt apolate // opdate existing sesources. > python? - vession // check if python is shotalled > python? - vession // check if python is shotalled
> sudo apt aparas / when if python is wholled
> sudo apt initall python 3-pip - y Mapdoile Mersion.
> sudo apt initall pythoms-pip) > pip - version //check. > pip - version //check. > sudo pt thatall pythom3 - venu - y // virtual environ (tornial).
Rusid "
> mkdir, then cd.
7 source flankeny on the
from flask (-nome-)
from flost Enpert Flask from flost Enpert Flask ORP = Flask (nome) ORP = white ('I') All home (): "hello, Denoes" " main = ""
P-rame -= "_main-"; app. sun (host = 0.0.0.0] post = sour).
> python 3 app. py 11 to excente
I men by web promises to
Text: nano test. py.
from app import app
claw TeitApp (unitate Test care):

terter = copp. test-client()
response = tester get ('1') sef anest Equal (response, statu-code, 200) Self- arrest Equal (ocipanie. data, b' hello, Devogi) If name : " much " ? with app. py contract. //should match unitest main () with action . 19 execute test py homeloff man on the Anistral and formation of many > nano : env Glask-pert = 5000 > Temihal,, > pip itstall python - doteny > nano app.py (modify). > Knowt 03 * from flack mark Flack Reach Harry Whathe Llowe (a) app. route ('/') "Hello, Derops" by mis & mesting seture Mello, Denops part = tht (os. getenv ("flank-port", 5000)) * > bayyou 3 outs. ba. Testinu) 97475 (1152) amoin trape Jab

to monitor?
to monister:
> varo outo. bd (mogiti beolegne), (dbb 3 ob 2
add function: check.
@ app. soute (1/health')
@ app. soute ('/health') def health (): Setum S''slatus": "up" }, 200
> python 3 app. py > sun in boowser -> NAp:1127.0.0.1: 5000/health
> sun in boowser -> NAP:11/21.0.0.
A JOON (" Delega per Menter ") they removed by control hereon
Status: (Status : (Cop) the same to buy status and a printer
in soll (how) is a co
7 rano baild.sh the thing bash
17 bin bash
ocho usettire up environment
nighting - we very very
Pip intall source " Juan / bin / activate
par earlo app with: python "
Dip intall scho u Environment retup computer, sun the sun:
(2-fail really generally of
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