| GROUP3 MEMBERS MESUT BUNALDI  MUHAMMED KANDUR  HİKMET TÜTÜNCÜ  ONGUN ALP BABA MUHAMMET BURAK ÖZÇELİK  LEMYE CEREN GÜMÜŞ  GÖKTUĞ ALİ AKIN  FERDİ SÖNMEZ  OSMAN ÇETİN  EMRE DURAK  MELİKE SERRA KALYON HASNAIN ALI | | DEPLOY12 DECEMBER 2019 | | --- |  REPORT 6 The group member who did not attend the meeting is MUHAMMED KANDUR,EMRE DURAK,HASNAIN ALI  12 DECEMBER 2019  LISTENER  import json  import http.server  import socketserver  #json.dumps/dump -> creates json file  #json.loads/load -> parses json file  PORT = 8081  class ServerHandler(http.server.CGIHTTPRequestHandler):  def do\_POST(self):  content\_len = int(self.headers.get('Content-Length'))  #bytewise json file  json\_body = self.rfile.read(content\_len)  print(json\_body)  #parses json file  data = json.loads(json\_body)  #prints json object's properties,failure part(like array accessing)  print(data["properties"]["failure"])  self.send\_response(200)  self.send\_header("State", "Delivery Confirmed")  self.end\_headers()  #sends response itself  self.wfile.write(json\_body)  Handler = ServerHandler  with socketserver.TCPServer(("", PORT), Handler) as httpd:  print("serving at port", PORT)  httpd.serve\_forever()  PYTHON REQUEST :  # importing the requests library  import requests  import json  jsonFile = open(r'/home/fatihselimyakar/Desktop/codeversioning/code\_versioning\_response.json', 'r')  data = json.load(jsonFile)  print (data)  # sending post request and saving response as response object  r = requests.post(url = 'http://localhost:8081', data = json.dumps(data))  # extracting response text  sent\_json = r.headers  print("\nResponse:%s"%sent\_json)  REQUEST :  { "$schema": "http://json-schema.org/draft-04/schema#",  "title": "Request information for version controlling module",  "type": "object",  "description": "Contains required and unrequired data fields for comunication with deploy module. Important: object\_type = deploy\_request,dest\_type = build",  "properties": {  "dest\_type": {"type":"string"},  "object\_type": {"type": "string"},  "github\_login": { "type": "string" },  "github\_password": { "type": "string" },  "repository\_url": { "type": "string" },  "commit\_id": {"type": "string"}  },  "required": [ "dest\_type","object\_type", "github\_login", "github\_password", "repository\_url"]  }  RESPONSE :  { "$schema": "http://json-schema.org/draft-04/schema#",  "title": "Response information for code versioning modules",  "type": "object",  "description": "Object type = response\_deploy ,Responses true(1) or false(0),if commit\_id is required, add the commit\_id",  "properties": {  "object\_type": {"type": "string"},  "failure": {"bool": "True"},  "commit\_id": {"type": "string"}  },  "required": [ "object\_type", "failure" ]  } |
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