**Q1**. import json

# create a dictionary

my\_dict = {

"name": "Rajdeep",

"age": 22,

"city": "Kolkata"

}

# write the dictionary to a JSON file

with open("my\_dict.json", "w") as file:

json.dump(my\_dict, file)

**Q2**. import json

# read the JSON file

with open("services.json", "r") as file:

data = json.load(file)

# extract the service names of each cloud service provider

for provider, services in data.items():

print(f"{provider.upper()} : {services[0]}")

**Q3**. import yaml

import json

# read the YAML file

with open("services.yaml", "r") as file:

data = yaml.safe\_load(file)

# convert the YAML data to JSON

json\_data = json.dumps(data, indent=4)

# write the JSON data to a file

with open("services.json", "w") as file:

file.write(json\_data)