**EXP NO:2**

class Employee:

def \_\_init\_\_ (

self,

designation: str = 'Developer',

frontend: bool = False,

backend: bool = True

):

self.designation = designation

self.frontend = frontend

self.backend = backend

def \_\_repr\_\_(self):

return '{} (Frontend: {}, Backend: {})'.format(self.designation, self.frontend, self.backend)

# Verifier method to check specialization

def verifier(self):

if self.frontend and self.backend:

return f"{self.designation} is specialized in both frontend and backend."

elif self.frontend:

return f"{self.designation} is specialized in frontend."

elif self.backend:

return f"{self.designation} is specialized in backend."

else:

return f"{self.designation} is not specialized in either frontend or backend."

if \_\_name\_\_ == '\_\_main\_\_':

firstEmployee = Employee()

print(firstEmployee.verifier())

OUTPUT:

