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TUGAS 1

STRUKTUR DATA

a. Link akun github
https://github.com/muhammadroynaldi/struktur-data

b. Source code stack dengan Bahasa pemrograman python

```
# Stack implementation in python


  # Creating a stack
  def create_stack():
  stack = []
  return stack


  # Creating an empty stack
  def check_empty(stack):
  return len(stack) == 0


  # Adding items into the stack
  def push(stack, item):
  stack.append(item)
  print("pushed item: " + item)


  # Removing an element from the stack
  def pop(stack):
  if (check_empty(stack)):
  return "stack is empty"
```

```
    return stack.pop()


stack = create_stack()
push(stack, str(1))
push(stack, str(2))
push(stack, str(3))
push(stack, str(4))
print("popped item: " + pop(stack))
print("stack after popping an element: " + str(stack))
```

c. Screenshoot program stack python