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#!/bin/bash
# main.py
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# Standard/third-party libs
import sys
from pyeda.boolalg.bdd import (bddvar, expr2bdd, bdd2expr)
from pyeda.boolalg.expr import exprvar
# Custom libs
from parse import bdd_file_parse
from reach import five_step_reach
def main():
    Driver function: must call with the following syntax:
    "./main.py [some_bdd_file_path]"
    # Handle incoming BDD file, constructing if there
if len(sys.argv) < 2: raise TypeError("No BDD graph file passed!")</pre>
    rr, k = bdd_file_parse(sys.argv[1])
    # See if given vertices are reachable in five steps
    target\_vertices = (3, 1)
    reachable = five_step_reach(rr, *target_vertices, k)
    print (target_vertices, reachable)
# Let's go
main()
```