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//// q1
#!/bin/bash

echo "Enter a non negative number"
#read input

main_logic(){
    arg=$#
    echo "Number of argument passed : $arg"
    first_arg=$1

    main_logic

    #for i in "$@"
    #do
    #    printf '$s\n' Arg
}

//// q2
#!/bin/bash

if [ $# -eq 0 ]
then
    echo "go where?"
fi

#mkdir -p {loc1,loc2,loc3}..
{north.direction,south.direction,east.direction,west.direction,direction.txt}/containing/loc1 touch loc1.txt, loc2.txt, loc3.txt
mkdir -p loc1
{north.direction,south.direction,east.direction,wes.direction,description.txt}/containing/loc1/{description.txt} touch
description.txt - containing "You are in a maze of twisty passages all alike"
mkdir -p loc2/
{north.direction,south.direction,east.direction,wes.direction,description.txt}/containing/loc2 touch loc2/{description.txt} touch
description.txt - containing "You are outside a white house."
mkdir -p loc2/
{north.direction,south.direction,east.direction,wes.direction,description.txt}/containing/loc2/{description.txt} touch
description.txt - containing "You are in a twisty maze of passages all alike"

if [$1 -eq "north" ]
then
    find . -name "north.direction"

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else
    echo "You cannot go that way"

if [$2 -eq "south" ]
then
    find . -name "south.direction"
else
    echo "You cannot go that way"

if [$3 -eq "east"]
then
    find . -name "east.direction"
else

    echo "You cannot go that way"

if [$4 -eq "west"]
then
    find . -name west.direction

else
    echo "you cannot go that way"

fi
done

```

//// q3

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#!/bin/bash

if [[ $# -ge 1 && $# -le 6 ]]
then
    echo "Enter your question and answer"
arg=("$1" "$2" "$3" "$4" "$5" "$6")
else
echo "error"
exit 0
fi
select opt in "${option[@]}"
do
case $opt in
    "$1")
        echo "Question"
        ;;

    "$2")
        echo "possible answer"
        ;;

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"$3")
echo "possible answer"
;;

"$4")
echo "possible answer"
;;

"$5")
echo "possible answer"
;;

"$6")
echo "possible answer"
;;
*) echo "invalid option $REPLY"
;;
esac
done
```