



```
//// 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}/conatining/loc1 touch loc1.txt, loc2.txt, loc3.txt
```

```
mkdir -p loc1/
```

```
{north.direction,south.direction,east.direction,wes.direction,description.txt}/conatining/loc1 touch 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}/conatining/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}/conatining/loc2 touch 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"
```

```

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

```
#!/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"
            ;;
    esac
done

```

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

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

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

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

done
esac
```