

```
>>> GAMIFIED LINUX TUTORIAL
```

```
>>> a user-friendly, extensible platform for teaching linux  
command line
```

```
Name: Team Octal -
```

Naman Dixit	Prince Kumar	Abbas Ahmad
19305R005	193050070	193050072

```
Date: November 6, 2019
```


>>> Problem Statement

How can we use principles of User Experience and Gamification to create an approachable, non-threatening teaching environment for Linux command line, aimed at new users?

```
>>> Progress
```

Platform layer

Engine layer

Game logic

Gameplay scripts

>>> Progress

Platform layer ✓

Engine layer

Game logic

Gameplay scripts

>>> Progress

Platform layer ✓

Engine layer ✓

Game logic

Gameplay scripts

>>> Progress

Platform layer ✓

Engine layer ✓

Game logic ✓

Gameplay scripts

>>> Progress

Platform layer ✓

Engine layer ✓

Game logic ✓

Gameplay scripts *all hands on deck!*


```
>>> Lines of code
```

Language	Files	LOC
C	12	1411
Lua	9	874
GLSL	6	136
SUM	27	2421

```
>>> Team Work Distribution
```

```
Platform layer
```

```
Engine layer
```

```
Game logic
```

```
Gameplay scripts
```

```
>>> Team Work Distribution
```

```
Platform layer Naman
```

```
Engine layer
```

```
Game logic
```

```
Gameplay scripts
```

```
>>> Team Work Distribution
```

```
Platform layer Naman
```

```
Engine layer Naman
```

```
Game logic
```

```
Gameplay scripts
```

>>> Team Work Distribution

Platform layer Naman

Engine layer Naman

Game logic Prince and Abbas

Gameplay scripts

```
>>> Team Work Distribution
```

```
Platform layer Naman
```

```
Engine layer Naman
```

```
Game logic Prince and Abbas
```

```
Gameplay scripts Prince and Abbas
```



```
>>> Final Outcome
```

1. Educational platform to create Linux CLI tutorials: ✓


```
>>> Final Outcome
```

1. Educational platform to create Linux CLI tutorials: ✓
2. Extensible and adaptable to various use cases: ✓

>>> Final Outcome

1. Educational platform to create Linux CLI tutorials: ✓
2. Extensible and adaptable to various use cases: ✓
3. Platform independent libraries for portability: ✓

>>> Final Outcome

1. Educational platform to create Linux CLI tutorials: ✓
2. Extensible and adaptable to various use cases: ✓
3. Platform independent libraries for portability: ✓
4. Demo course as a platform's showcase: *in progress*

Thank you for your time