Git - Push Operation

Jerry modified his last commit by using the amend operation and he is ready to push the changes. The Push operation stores data permanently to the Git repository. After a successful push operation, other developers can see Jerry's changes.

He executes the git log command to view the commit details.

```
[jerry@CentOS project]$ git log
```

The above command will produce the following result:

```
commit d1e19d316224cddc437e3ed34ec3c931ad803958
Author: Jerry Mouse <jerry@tutorialspoint.com>
Date: Wed Sep 11 08:05:26 2013 +0530


Changed return type of my_strlen to size_t
```

Before push operation, he wants to review his changes, so he uses the **git show** command to review his changes.

```
[jerry@CentOS project]$ git show d1e19d316224cddc437e3ed34ec3c931ad803958
```

The above command will produce the following result:

```
commit d1e19d316224cddc437e3ed34ec3c931ad803958
Author: Jerry Mouse <jerry@tutorialspoint.com>
Date: Wed Sep 11 08:05:26 2013 +0530


Changed return type of my_strlen to size_t


diff --git a/string.c b/string.c
new file mode 100644
index 0000000..7da2992
--- /dev/null
+++ b/string.c
@@ -0,0 +1,24 @@
+#include <stdio.h>
```

```
+
+size_t my_strlen(char *s)
+
{
  +
  char *p = s;
  +
  +
  while (*p)
  + ++p;
  + return (p -s );
  +
}
+
+int main(void)
+
{
  + int i;
  + char *s[] =
  {
    + "Git tutorials",
    + "Tutorials Point"
    +
  };
  +
  +
  +
  for (i = 0; i < 2; ++i)
  printf("string lenght of %s = %lu\n", s[i], my_strlen(s[i]));
  +
  +
  return 0;
  +
}
```

Jerry is happy with his changes and he is ready to push his changes.

```
[jerry@CentOS project]$ git push origin master
```

The above command will produce the following result:

```
Counting objects: 4, done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 517 bytes, done.
Total 3 (delta 0), reused 0 (delta 0)
To gituser@git.server.com:project.git
19ae206..d1e19d3 master −> master
```

Jerry's changes have been successfully pushed to the repository; now other developers can view his changes by performing clone or update operation.