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```
[005670557@csusb.edu@jb359-16 Lab 4]$ nasm -f elf64 lab4.s -o lab4.o
```

```
[005670557@csusb.edu@jb359-16 Lab 4]$ ld lab4.o -o lab4
```

```
[005670557@csusb.edu@jb359-16 Lab 4]$ ./lab4
```

```
Enter 8-bit binary number      : 10101010
```

```
Binary number with parity bits : 101001011000
```

```
Generating 1-bit error        : 101101011000
```

```
Detecting and correcting error : 101001011000
```

```
[005670557@csusb.edu@jb359-16 Lab 4]$
```

```
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```