```
read -p "Enter the old word to be replaced : " old
read -p "Enter the new word to be replaced : " new
echo -e "\nFile" $file "before replacement\n\n"
echo -e '\n... Opening' $file ' ...\n\n'
cat $file
echo -e '\n'
read -p "Do you want to replace the string in entire file ? (y/n) : " yn
if [ $yn = 'y' -o $yn = 'Y' ]; then
sed -i "s/$old/$new/g" $file
elif [ $yn = 'n' -o $yn = 'N' ]; then
read -p "Enter the line number to start replacement from : " start
read -p "Enter the number of lines after start to end the replacement : " end
sed -i "$start,+$end s/$old/$new/g" $file
else
echo -e '\nInvalid Input\n'
echo -e '\nNo changes applied\n'
fi
echo -e '\n... Opening' $file ' ...\n\n'
cat $file
echo -e '\n'


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```

```
Enter the file name : factorial.sh
Enter the old word to be replaced : fact
Enter the new word to be replaced : factorial

File factorial.sh before replacement


... Opening factorial.sh  ...


#!/bin/bash
echo "Enter the number :"
read number
fact=1
while [ $number -gt 1 ]
do
  fact=$((fact * number))
  number=$((number -1))
done
echo $fact


Do you want to replace the string in entire file ? (y/n) : y

... Opening factorial.sh  ...


#!/bin/bash
echo "Enter the number :"
read number
factorial=1
while [ $number -gt 1 ]
do
  factorial=$((factorial * number))
  number=$((number -1))
done
echo $factorial
```