

Shiva Singh

18 A91004

102276;

Empirical records & etc. low

Q2

```
# include <stdio.h>
```

```
# include <string.h>
```

```
# include <ctype.h>
```

```
main()
```

```
{
```

```
int i, j, len, len2, num1[100],  
num2[100], multiplier[100];  
char str[100], key[100], cipher[100];
```

```
printf("Enter a string text to encrypt\n");  
gets(str);
```

```
for (i = 0, j = 0; i < strlen(str); i++)
```

```
{
```

```
if str[i] != "\0")
```

```
{
```

```
str[j] = tolower(str[i]);
```

```
j++;
```

```
}
```

```
}
```

```
str[j] = "\0";
```

```
for (i = 0; i < strlen(str); i++)  
& getch (key),
```

```
{  
    if (key [i] != '\n')  
    {  
        key [j] = getch (key [i]);  
        j++;  
    }  
    key [j] = '\0';
```

```
for (i = 0; i < strlen(key); i++)  
{  
    munkey [i] = key [i] - 'A';  
}
```

```
for (i = 0; i < strlen(str); i++)  
{  
    numkey [i] = munkey [i] + num;
```

```
}  
for (i = 0; i < strlen(str); i++)  
{
```

```
    if (numkey [i] > 25)  
    {  
        numkey [i] = numkey [i] - 26;  
    }  
}
```

```
printf ("on the pad the key is\n");
```



```
for (i = 0; i < n; i++)
```

```
{
```

```
    printf("%d\n", i);
```

```
}
```

```
}
```