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Ans 2:-

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

main()
{
    int i, j, len1, len2, numsta[100], numkey[100], numupher[100];

    char sta[100], key[100], upher[100];

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

    gets(sta);

    for (i = 0; i < strlen(key); i++)
    {
        if (key[i] == ' ')
        {
            key[j] = tolower(key[i]);
            j++;
        }
        key[j] = '0';

        for (i = 0; i < strlen(key); i++)
        {
            numkey[i] = key[i] - '0';

            for (i = 0; i < strlen(sta); i++)
```

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```
numUphears[i] = numAs[i] + numBys[i];
```

```
} for (i=0; i < strlen(s1); i++)
```

```
{ if (numUphears[i] > 0)
```

```
{ numUphears[i] = numUphears[i] - 2;
```

```
}
```

```
printf("One-line for loop to calculate");
```

```
for (i=0; i < strlen(s1); i++)
```

```
{ printf("%d", (numUphears[i] + 1));
```

```
} printf("\n");
```

```
}
```

...ing time to encrypt

...e time pad

...ter key string of random text

...rfect

...e Time Pad Cipher text is

VYMOXPd

...rocess exited after 69.02 seconds with return value 0

...ess any key to continue . . . █