Give the output of the C program shown below when the user enters the input value 14523

Give the output of the C program shown below

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

int main(void) {
    int a, b;
    char str[10] = "TIDE";
    int x = strlen(str) - 1;
    for (a=0; a<4; a++) {
        for (b=0; b<4; b++) {
            if (a==0) printf("%c", str[b]);
            else if (b==0) printf("%c", str[x-a]);
            else if (a==x) printf("%c", str[x-b]);
            else printf(" ");
        }
        printf("\n");
    }
    return 0;
}</pre>
```