

SET No 1

Write the results of the following program execution:

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

typedef struct s1 {
    char *s;
    int i;
    struct s1 *s1p;
} mojstr;

void main(void)
{
    static mojstr a[] = {
        {"KASA",1,a+2},
        {"LADA",2,a+1},
        {"CENA",3,a}
    };
    mojstr *p=a;
    int i;
    printf("%s %s ", a[0].s,p->s,a[2].s1p->s);

    for (i=0; i<2; i++) {
        printf("%d ", --a[i].i);
        printf("%c ", ++a[i].s[3]);
        putchar('\n');
    }

    printf("%s %s\n", ++(p->s),a[(++p)->i].s, a[--(p->s1p->i)]p->s);
}

ANSWER

KASA KASA O B
1 B
ADB LADB
```

SET No 2

Write the results of the following program execution:

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

typedef struct s1 {
    char *s;
    int i;
    struct s1 *s1p;
} mojstr;

void main(void)
{
    static mojstr a[] = {
        {"KANT",1,a+2},
        {"LUNA",2,a+1},
        {"ROMA",3,a}
    };
    mojstr *p=a;
    int i;
    printf("%s %s ", a[0].s,p->s,a[2].s1p->s);

    for (i=0; i<2; i++) {
        printf("%d ", --a[i].i);
        printf("%c ", ++a[i].s[3]);
        putchar('\n');
    }

    printf("%s %s\n", ++(p->s),a[(++p)->i].s, a[--(p->s1p->i)]p->s);
}

ANSWER

KANT KANT O U
1 B
UNB LUNB
```

SET No 3

Write the results of the following program execution:

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

typedef struct s1 {
    char *s;
    int i;
    struct s1 *s1p;
} mojstr;

void main(void)
{
    static mojstr a[] = {
        {"KANT",1,a+1},
        {"LUNA",2,a},
        {"ROMA",3,a+2}
    };
    mojstr *p=a;
    int i;
    printf("%s %s ", a[0].s,p->s,a[2].s1p->s);

    for (i=0; i<2; i++) {
        printf("%d ", --a[i].i);
        printf("%c ", ++a[i].s[3]);
        putchar('\n');
    }

    printf("%s %s\n", ++(p->s),a[(++p)->i].s, a[--(p->s1p->i)].s);
}

ANSWER

KANT KANT O U
1 B
UNB KANU
```

SET No 4

Write the results of the following program execution:

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

typedef struct s1 {
    char *s;
    int i;
    struct s1 *s1p;
} mojstr;

void main(void)
{
    static mojstr a[] = {
        {"KAWA",1,a+2},
        {"LUNA",2,a+1},
        {"KURA",3,a}
    };
    mojstr *p=a;
    int i;
    printf("%s %s ", a[0].s,p->s,a[2].s1p->s);

    for (i=0; i<2; i++) {
        printf("%d ", --a[i].i);
        printf("%c ", ++a[i].s[3]);
        putchar('\n');
    }

    printf("%s %s\n", ++(p->s),a[(++p)->i].s, a[--(p->s1p->i)].s);
}

ANSWER

KAWA KAWA O B
1 B
UNB LUNB
```