

/*evo,ovo su moja rješenja... ako netko nađe grešku,molim ga da mi se javi na mail...*/

1.zadatak:

```
#include "stdio.h"
#include "math.h"

int main()
{
    float a,b,c,x1,x2,det,y;
    y=5;
    scanf("%f %f %f",&a,&b,&c);
    det=b*b-4*a*(c-5);
    if (det==0) {
        x1=-b/(2*a);
        printf("%f %f",x1,y);
    }
    else if (det>0) {
        x1=(-b+sqrt(det))/(2*a);
        x2=(-b-sqrt(det))/(2*a);
        printf("%f %f\n%f %f", x1,y,x2,y);
    }
    else if (det<0) {
        printf("Ne sijeku se");
    }
    return 0;
}
```

2. zadatak:

```
#include <stdio.h>

int main() {
    float ax,ay,bx,by,cx,cy,dx,dy;
    scanf("%f %f %f %f %f %f %f %f",&ax,&ay,&bx,&by,&cx,&cy,&dx,&dy);
    if ((by-ay)*(dx-cx)==(dy-cy)*(bx-ax)) printf("Paralelni");
    else if ((bx-ax)*(cx-dx)==(by-ay)*(dy-cy)) printf("Okomiti");
    else printf("Ništa od navedenog");
    return 0;
}
```

3. zadatak:

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

int main() {
    float ax,ay,bx,by,cx,cy,a,b,c;
    scanf("%f %f %f %f %f %f",&ax,&ay,&bx,&by,&cx,&cy);
    a=sqrt(pow((ax-bx),2)+pow((ay-by),2));
    b=sqrt(pow((bx-cx),2)+pow((by-cy),2));
    c=sqrt(pow((ax-cx),2)+pow((ay-cy),2));
    if (a==b || a==c || b==c) printf("Da");
    else printf("Ne");
    return 0;
}
```

4. zadatak:

```
#include <stdio.h>

int main() {
    int a,b,c;
```

```
scanf("%d %d %d",&a,&b,&c);
if(c*c==a*a+b*b||b*b==a*a+c*c||a*a==b*b+c*c) printf("Da");
else printf("Ne");
return 0;
}
```

5. zadatak:

```
#include <stdio.h>
#include <math.h>
int main() {
    float x1,y1,x2,y2,r1,r2,d;
    scanf("%f %f %f %f %f %f",&x1,&y1,&x2,&y2,&r1,&r2);
    d=sqrt(pow((x1-x2),2)+pow((y1-y2),2));
    if ((r1+r2)>d) printf("Da");
    else printf("Ne");
    return 0;
}
```

6. zadatak:

```
#include <stdio.h>
int main() {
    int a;
    scanf("%d",&a);
    if (a>0) {
        if(a%10==1 && a%100!=11) printf("Nominativ jednine");
        else if(a%10==2&&a%100!=12 || a%10==3&&a%100!=13 || a%10==4&&a%100!=14) printf(
"Genitiv jednine");
        else printf("Genitiv mnozine");
    }
    return 0;
}
```

7. zadatak:

```
#include <stdio.h>
int main() {
    int y1,y2,vert=0,hor=0;
    char x1,x2;
    scanf("%c%d %c%d",&x1,&y1,&x2,&y2);
    if (x1==x2 || y1==y2) printf("Napada");
    else {
        if (x1<x2) hor=1;
        if (y1<y2) vert=1;
        if (hor) {
            if (vert) printf("Gore desno");
            else printf("Dolje desno");
        }
        else {
            if (vert) printf("Gore lijevo");
            else printf("Dolje lijevo");
        }
    }
    return 0;
}
```

8. zadatak:

```
#include <stdio.h>
int main() {
```

```
char a,b,c;
scanf("%c %c %c",&a,&b,&c);
if (a>='A' && b>='A' && c>='A' && a<='Z' && b<='Z' && c<='Z') {
    if ((a=='F' || b=='F' || c=='F') && (a=='E' || b=='E' || c=='E') && (a=='R' || b=='R' || c=='R')) printf("Da");
    else printf("Ne");
}
return 0;
}
```

9. zadatak:

```
#include <stdio.h>
int main() {
int a;
unsigned char b;
scanf("%d",&a);
b=a;
if(a!=b) printf("Doslo je do promijene vrijednosti");
else {
    if (a=='A' || a=='a') printf("A");
    else if (a=='E' || a=='e') printf("E");
    else if (a=='I' || a=='i') printf("I");
    else if (a=='O' || a=='o') printf("O");
    else if (a=='U' || a=='u') printf("U");
    else if (a>='0' && a<='9') {
        if ((a-'0')%3) printf("Nije djeljiv sa 3");
        else printf("Djeljiv je sa 3");
    }
    else printf("%c %d", a,a);
}
}
```

10. zadatak:

```
#include <stdio.h>
int main() {
int a,b,c;
scanf("%d %d %d",&a,&b,&c);
if (a>=1 && a<=100 && b>=1 && b<=100 && c>=1 && c<=100) {
    if(a>=b) {
        if (c>=a) printf("%d %d %d",c,a,b);
        else if (c>=b) printf("%d %d %d",a,c,b);
        else printf("%d %d %d",a,b,c);
    }
    else {
        if (c>=b) printf("%d %d %d", c,b,a);
        else if(c>=a) printf("%d %d %d", b,c,a);
        else printf("%d %d %d", b,c,a);
    }
}
else printf("Broj nije iz intervala");
return 0;
}
```