Лабораторная работа 3

1. #include <stdio.h>

int main() {

int a,b;

printf("Vvedite dva chisla\n");

scanf("%d", &a);

scanf("%d", &b);

if (a>b) printf("%d bolshe", a);

else if (a<b) printf("%d bolshe", b);

else printf("Chisla ravni");

}  
 

1. #include <stdio.h>

int main() {

int a,b;

printf("Vvedite chislo\n");

scanf("%d", &a);

if(a/1000==a%10 && a/100%10==a%100/10) printf("Palindrom");

else printf("Ne palindrom");

}  
 

1. #include <stdio.h>

int main() {

int a,b,c,max;

printf("Vvedite tri chisla\n");

scanf("%d%d%d", &a,&b,&c);

if (a>=b && a>=c) max=a;

else if (b>=a && b>=c) max=b;

else max=c;

printf("%d %d %d, Naibolsee = %d",a,b,c,max);

}  
 

1. #include <stdio.h>

int main() {

int a;

printf("Vvedite chislo\n");

scanf("%d", &a);

if (a<100 && a>9 && a%2==1) printf("Chislo nechetnoe i dvyznachnoe");

else printf("Chislo ne podxodit");

}  
 

1. #include <stdio.h>

int main() {

int a,b,c;

printf("Vvedite tri chisla\n");

scanf("%d%d%d", &a,&b,&c);

if (a%2==0 || b%2==0 || c%2==0) printf("Chetnoe est");

else printf("Chetnogo net");

}



1. #include <stdio.h>

int main() {

int a;

printf("Vvedite chislo\n");

scanf("%d", &a);

if(a/10==4 || a/10==7 || a%10==4 || a%10==7) printf("4 ili 7 prisytstvyet");

else printf("4 ili 7 net");

}  
 

1. #include <stdio.h>

#include <math.h>

int main() {

float Ax,Ay,Bx,By,Cx,Cy;

printf("Coordinati A(x,y):\n");

scanf("%f%f", &Ax, &Ay);

printf("Coordinati B(x,y):\n");

scanf("%f%f", &Bx, &By);

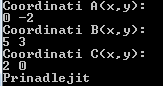
printf("Coordinati C(x,y):\n");

scanf("%f%f", &Cx, &Cy);

if (abs((Cx-Ax)\*(By-Ay)-(Bx-Ax)\*(Cy-Ay))<0.001) printf("Prinadlejit");

else printf("Ne prinadlejit");

}



1. #include <stdio.h>

int main() {

int a,b,c;

printf("Vvedite storony treygolnika\n");

scanf("%d%d%d", &a,&b,&c);

if(a+b>c && a+c>b && b+c>a) printf("Treygolnik syshestvyet");

else printf("Treygolnik ne syshestvyet");

}  
 

1. #include <stdio.h>

int main() {

int a;

printf("Vvedite nomer\n");

scanf("%d",&a);

switch (a) {

case 1: printf("Yanvar"); break;

case 2: printf("Fevral"); break;

case 3: printf("Mart"); break;

case 4: printf("Aprel"); break;

case 5: printf("May"); break;

case 6: printf("Iun"); break;

case 7: printf("Iul"); break;

case 8: printf("Avgust"); break;

case 9: printf("Sentabr"); break;

case 10: printf("Octabr"); break;

case 11: printf("Noyabr"); break;

case 12: printf("Decabr"); break;

default: printf("Nomer ne veren");

}

}  
 

1. #include <stdio.h>

#include <math.h>

int main()

{

float skv,skr,r,a,pi;

pi=3.14;

printf("Vvedite S kvadrata, posle S kruga\n");

scanf("%g%g",&skv,&skr);

a=sqrt(skv);

r=sqrt(skr/pi);

if (a>r\*sqrt(2)) printf("Kvadrat slishkom bolshoy");

else printf("Kvadrat pomestitsya v kryge");

}  


* 1. #include <stdio.h>

int main() {

float x,y;

printf("Vvedite x\n");

scanf("%g",&x);

if (x<-2) y=x\*x+2;

else y=x-1;

printf("y = %g",y);

}  
 

* 1. #include <stdio.h>

int main() {

float x,y;

printf("Vvedite x\n");

scanf("%g",&x);

if (x<3) y=x;

else if (x>=3 && x<=11) y=x\*x\*x-x;

else y=1/x;

printf("y = %g",y);

}  
 

* 1. #include <stdio.h>

int main() {

float x,y;

printf("Vvedite x\n");

scanf("%g",&x);

if (x>4.5) y=0;

else y=fabs(x);

printf("y = %g",y);

}  
 

* 1. #include <stdio.h>

int main() {

float x,y;

printf("Vvedite x\n");

scanf("%g",&x);

if (x<=0) y=1;

else if (x>0 && x<=1) y=x;

else if (x>1 && x<=2) y=x+1;

else if (x>2 && x<=3) y=x+2;

else y=x+3;

printf("y = %g",y);

}  
 

* 1. #include <stdio.h>

int main() {

float x,y,a,k,b;

printf("Vvedite x\n");

scanf("%g",&x);

a=x-1;

b=x+1;

k=b+2\*x;

if (x<=0) y=5\*a-a\*a\*x;

else y=7\*k\*b\*x-20-k/x;

printf("y = %g",y);

}  
 