24.Write a program to find the CPU performance of a processor using any high level language.

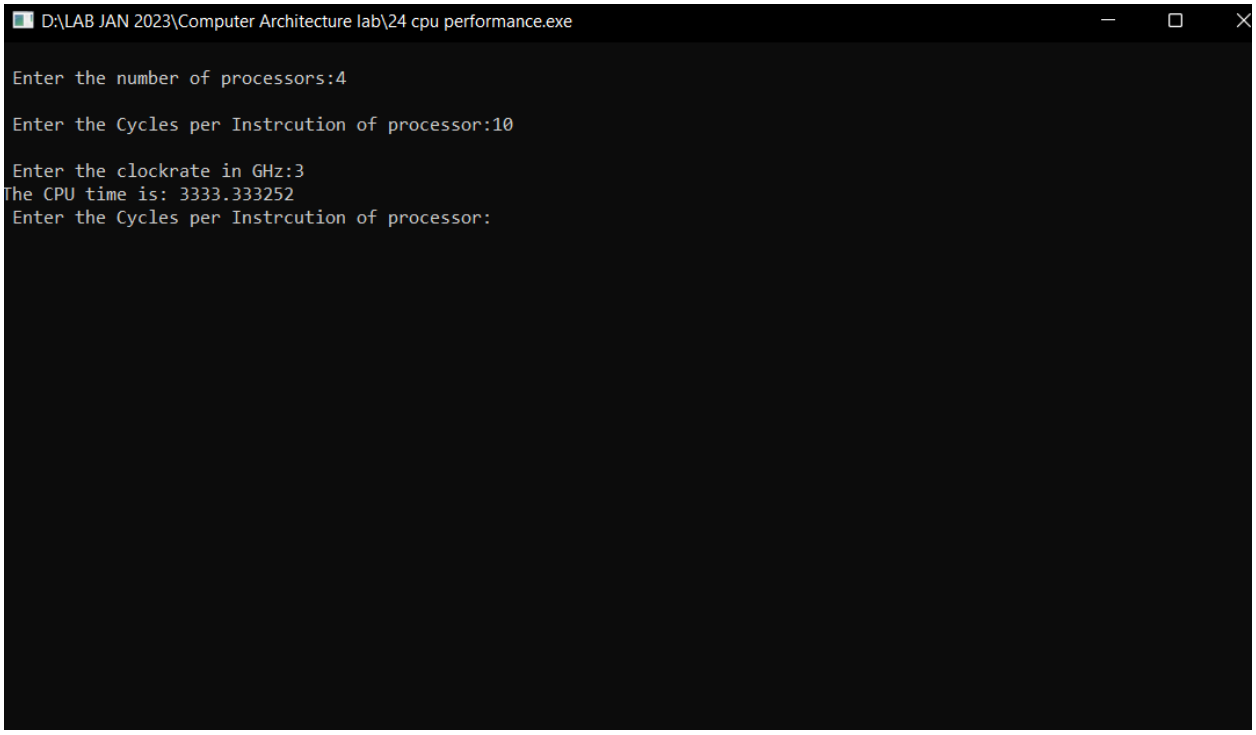
AIM:

Write a c program to find CPU performance of a processor.

PROGRAM:

```
int main()
{
 float cr;
 int p,p1,i;
 float cpu[5];
 float cpi,ct,max;
 int n=1000;
 for(i=0;i<=4;i++)
 {
 cpu[5]=0;
 }
 printf("\n Enter the number of processors:");
 scanf("%d",&p);
 p1=p;
 for(i=0;i<p;i++)
{
 printf("\n Enter the Cycles per Instrcution of processor:");
 scanf("%f",&cpi);
 printf("\n Enter the clockrate in GHz:");
 scanf("%f",&cr);
 ct=1000*cpi/cr;
 printf("The CPU time is: %f",ct);
 cpu[i]=ct;
}
max=cpu[0];
//printf("%f", max);
for(i=0;i<p1;i++)
{
 if(cpu[i]<=max)
 max=cpu[i];
}
printf("\n The processor has lowest Execution time is: %f ", max);
 return 0;
}
```

OUTPUT:



RESULT:

Thus the program for finding the performance of processor was successfully executed.