

## Assignment-1

1-a

```
#include <stdio.h>

int main()

{

int a,b,c,d,e,m,n;

printf("enter salary of A :");

scanf("%d",&a);

printf("enter salary of B :");

scanf("%d",&b);

c=(a*0.1);

d=(a*0.46);

e=5000;

int ga=(a+c+d+e);

printf("total gross salary of A in 2024 :%d\n",ga);

c=(b*0.08);

d=(b*0.46);

e=5500;

int gb=(b+c+d+e);

printf("total gross salary of B in 2024 :%d\n",gb);

if (ga>gb){

printf("A is the greatest gross salary\n\n");

}

else{

printf("B is the greatest gross salary\n\n");

}

float A,R;

R=10;

 $A=a*((100+R)/100)*((100+R)/100)*((100+R)/100);$ 

m=A;

c=(m*0.1);

d=(m*0.46);

e=5000;

int gA=(m+c+d+e);

printf("total gross salary of A in 2027 :%d\n",gA);

float B,r;

r=5;
```

```
B=b*((100+r)/100)*((100+r)/100)*((100+r)/100);
```

```
n=B;
```

```
c=(n*0.08);
```

```
d=(n*0.46);
```

```
e=5000;
```

```
int gB=(n+c+d+e);
```

```
printf("total gross salary of B in 2027 :%d\n",gB);
```

```
if (gA>gB){
```

```
printf("A is the greatest gross salary");
```

```
}
```

```
else{
```

```
printf("B is the greatest gross salary");
```

```
}
```

```
return 0;
```

```
}
```