1.

```
#include<stdio.h>
#include<unistd.h>
#include<sys/types.h>
int main()
{
fork();
fork();
fork();
printf("HelloWorld \n");
}
```

2.

```
#include<stdio.h>
#include<unistd.h>
#include<stdlib.h>
#include<sys/wait.h>
int main()
{
pid_t pid=fork();
if(pid==0)
{
//printf("Hello\n");
printf("child=> ppid %d,pid%d",getppid(),getpid());
exit(EXIT_SUCCESS);
}
else if(pid>0)
{
printf("Main Task \n");
}
else
{
printf("Unable to create");
}
return EXIT_SUCCESS;
}
```

3.

```
#include<stdio.h>
#include<unistd.h>
#include<stdlib.h>
#include<sys/wait.h>
int main()
{
```

```
pid_t pid=fork();
if(pid==0)
{
printf("Hello\n");

exit(EXIT_SUCCESS);
}
else if(pid>0)
{
wait(NULL);
printf("Main Task \n");
}
else
{
printf("Unable to create");
}
return EXIT_SUCCESS;
}
```

4.

```
#include<stdio.h>
#include<unistd.h>
#include<stdlib.h>
#include<sys/wait.h>
#include<sys/stat.h>
int main()
{
struct stat sfile;
stat("hello.c",& sfile);
printf("st_size=%ld \n",sfile.st_size);
}
```

5.

```
#include<stdio.h>
#include<unistd.h>
#include<stdlib.h>
#include<sys/wait.h>
#include<sys/stat.h>
#include<sys/types.h>
int main()
{

execlp("./greeting","first",NULL);
}
```

```
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ .greeting
.greeting: command not found
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ ./greeting
HelloWorld
HelloWorld
HelloWorld
HelloWorld
HelloWorld
HelloWorld
HelloWorld
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ HelloWorld
^C
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ ./pchild2
Main Task
Hello
child=> ppid 2879,pid5705S5IT@Qtmlab-125:~/Documents/Anjithsaju$ ./pchild3
Hello
Main Task
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ ./status
st_size=123
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ ./excip
HelloWorld
HelloWorld
S5IT@Qtmlab-125:~/Documents/Anjithsaju$ HelloWorld
HelloWorld
HelloWorld
HelloWorld
HelloWorld
HelloWorld
^C
S5IT@Qtmlab-125:~/Documents/Anjithsaju$
```